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ABSTRACT

Institutions of higher education, the major source of the nation's scientists and engineers, perform about one-half of the nation's basic research. Therefore, the level, distribution, and characteristics of federal academic support are of much interest to officials at federal, state, and local levels and in nongovernmental sectors. The data presented in the detailed statistical tables in this document represent all categories of direct federal science and engineering support to institutions of higher education in the United States. The 15 federal agencies included provided virtually all funding for science and engineering research and development at universities and colleges. In addition, data are reported on these agencies' obligations to nonprofit institutions. Data are categorized according to the following variables: trends in federal obligations; geographic distribution; 100 institutions ranked in order of amount received; institutional listings by state, type of institutional control, by highest degree granted and agency; historically black colleges and universities; systems of universities and colleges; federal obligations to independent nonprofit institutions; trends, science and engineering obligations to universities and colleges; summary; type of institutional control; and consortia of institutions. (JRH)

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Federal Support to Universities, Colleges, and Nonprofit Institutions

Fiscal Year 1993

Detailed Statistical Tables

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Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences

National Science Foundation

NSF 95-331

Federal Support to Universities, Colleges, and Nonprofit Institutions

Fiscal Year 1993

Detailed Statistical Tables

Richard J. Bennof, Project Officer

Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences

National Science Foundation

NSF 95-331

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Dear Mr. President:

It is my honor to transmit to you the statistical report *Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1993*, in accordance with the National Science Foundation Act of 1950, as amended.

Respectfully yours,

Neal Lane

Neal Lane
Director

The President
The White House
Washington, DC 20500

ACKNOWLEDGMENTS

The preparation of *Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1993,* was managed by Richard J. Bennof, Analyst, National Science Foundation (NSF), Division of Science Resources Studies (SRS), Research and Development Statistics Program (RDS), under the overall direction of John E. Jankowski, Jr., Program Director, RDS, with guidance and review provided by Kenneth M. Brown, Director, SRS. The text was edited by David Saia, also of SRS. Quantum Research Corp. (QRC) of Bethesda, MD, under NSF contract number SRS 92-14509, prepared the tables and report copy. QRC staff members who worked on this project were Hilary Jones, Barbara DePaul, Betsy Peto, and Jennifer Ranwez.

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FOREWORD

Institutions of higher education, the major source of the Nation's scientists and engineers, perform about one-half of the Nation's basic research. Therefore, the level, distribution, and characteristics of Federal academic support are of much interest to officials at Federal, State, and local levels and in nongovernmental sectors.

The National Science Foundation Act of 1950, as amended, requires that the Foundation " . . . initiate and maintain a program for the determination of the total amount of money for scientific and engineering research, including money allocated for the construction of the facilities wherein such research is conducted, received by each educational institution and appropriate nonprofit organization in the United States, by grant, contract, or other arrangement from agencies of the Federal Government, and to report annually thereon to the President and the Congress."

To fulfill this requirement, the Foundation has utilized the data collection system originally designed by the Committee on Academic Science and Engineering of the Federal Council for Science and Technology. The Foundation annually collects statistical data from the 15 Federal agencies that account for virtually all support for science and engineering (S&E) research and development at educational institutions. Data are also collected on these agencies' obligations to nonprofit institutions.

Since its inception, this survey system has been the sole source of data on Federal funding to individual institutions for S&E activities and therefore attracts a wide audience. These data provide information that enables users to examine patterns of support for individual institutions over time and to compare such patterns with those of other institutions.

We are grateful for the continued cooperation of the responsible staff members in the participating agencies, and we appreciate their efforts to assist us in ensuring the quality of their data submissions.

Kenneth M. Brown, Director
Division of Science Resources Studies
National Science Foundation

July 1995

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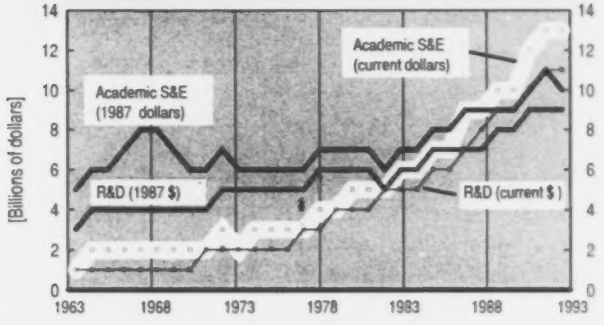
Overview

Federal obligations for academic science and engineering (S&E) activities totaled $12.7 billion in fiscal year (FY) 1993, representing a very slight decline (one-tenth of 1 percent) from FY 1992, or more than a 2-percent decrease after adjustment for inflation. A reflection of the budgetary constraints facing all Federal programs, the current-dollar decrease in academic S&E funding was the first in 21 years (chart A). Between FYs 1973 and 1992 academic S&E support rose at an average annual rate of 9 percent (3 percent when adjusted for inflation).

Chart A. Federal academic S&E and R&D obligations: Fiscal years 1963-93



SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Categories of Support

Academic S&E includes the following six funding categories: (1) research and development (R&D); (2) fellowships, traineeships, and training grants (FTTG); (3) R&D plant; (4) facilities and equipment for instruction; (5) general support for S&E; and (6) other S&E activities. The R&D portion, which represented $6 of every $7 of academic S&E, totaled $10.9 billion in FY 1993, representing an increase of 0.7 percent from the R&D obligated the previous year. When adjusted for inflation, the 1.6-percent decrease was the first for academic R&D programs in 12 years. About one-half ($5.6 billion) of all academic R&D funds were from the Department of Health and Human Services (HHS) in FY 1993 with the National Science Foundation (NSF) and the Department of Defense (DOD) responsible for three-fifths of the remainder ($1.61 billion and $1.59 billion, respectively).

Only two of the other five academic S&E categories (R&D plant and FTTG) showed increased levels of support, both increasing at rates higher than the 2.4-percent inflation rate. R&D plant funding rose by 27 percent in current dollars to a new high of $259 million. Nearly all of the gain came from increases in Department of Energy (DOE) programs, which accounted for nearly one-half of the Federal R&D plant total. NSF and the Department of Agriculture (USDA) provided most of the remainder of academic R&D plant support. FTTG obligations rose by 3 percent in current dollars, to $525 million. Most of the FTTG increase was from HHS, the source of nearly two-thirds of the FTTG total. Over five-sixths of HHS' FTTG obligations were from National Institutes of Health projects. Federal obligations for facilities and equipment for instruction totaled $32 million in FY 1993 (down by 16 percent); general S&E support dropped by nearly 59 percent in current dollars to $66 million, mostly as a result of sharp reductions from HHS and the Department of Education; and other S&E activities totaled $902 million, down by 7 percent.

Agency Sources

Of the six agencies responsible for the largest amounts of academic S&E obligations in FY 1993 (accounting for 95 percent of the Federal total), four (DOD, the National Aeronautics and Space Administration (NASA), NSF, and the DOE) reported current-dollar increases (table A). However, the only agencies that showed increases exceeding the rate of inflation were DOD and NASA (19 percent and 6 percent, respectively, in real terms). More than five-sixths of the DOD increase and two-fifths of the NASA increase were for R&D programs. In current dollars, academic S&E funding from HHS fell by 3 percent, and S&E funding declined by a fraction of 1 percent from USDA. Part of the decrease from HHS may have been related to reporting changes by the agency's Alcohol, Drug Abuse, and Mental Health Administration.

University Shares

Federal academic S&E obligations—not surprisingly—are highly concentrated among doctorate-granting institutions in general and major research universities in particular. Although less than one-

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third of all universities and colleges receiving Federal S&E funds granted doctorates in FY 1993, nearly all (97 percent) academic S&E support was obligated to these doctorate-granting institutions. The leading 100 academic S&E recipients in FY 1993 (out of 1,091 institutions, excluding 35 system offices) accounted for 81 percent of the total. The Johns Hopkins University (including its Applied Physics Laboratory, which received over three-fifths of the Johns Hopkins University's total) was the top recipient of Federal academic S&E support, nearly all of it from DOD and HHS. Eighteen of the top twenty academic S&E recipients in FY 1993 were also among the leading 20 in FY 1992. The new entrants were Duke University (now 19th) and the University of Texas at Austin (20th).

Table A. Federal academic science and engineering support, by agency: FY 1992-93

Agency	FY 1992	FY 1993	Percent change	
	[Millions of dollars]		Current $	Constant $
Total	$12,739	$12,725	0.1	-2.5
HHS	6,210	6,023	-3.0	-5.3
NSF	1,830	1,858	1.5	-0.9
DOD	1,510	1,834	21.5	18.6
USDA	942	941	-0.1	-2.5
NASA	680	737	8.4	5.9
DOE	705	716	1.5	-0.8
All other	862	615	-28.6	-30.3

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

In FY 1983, the leading 100 performers accounted for 84 percent of the total; in FY 1973 the proportion was 83 percent. When the survey series began in FY 1963, the top 100 universities received 87 percent (out of 813 institutions). Of the leading 100 academic S&E recipients in FY 1993, 92 were among the top 100 S&E performers in FY 1983. Again reflecting the stability in obligation shares, these 92 institutions accounted for 78 percent of the FY 1993 total and 81 percent of the FY 1983 total.

Geographic Distribution

Over three-fifths of all Federal S&E support to universities and colleges in FY 1993 was concentrated among 11 States, each of which received $300 million or more in academic S&E support. These States were located predominantly along the Atlantic and Pacific coasts and within the East North Central (i.e. Great Lakes) Region. Outside of those regions, the only recipient of more than $300 million in academic S&E support was Texas. Academic institutions in California and New York received the largest amounts of Federal academic S&E obligations; together, they accounted for 21 percent of the total (table B).

Table B. Federal academic science and engineering support to states receiving at least $300 million, fiscal year 1993

State	S&E support	Share of total S&E
	[Millions of dollars]	[Percent]
Total S&E	$12,725	100.0
California	1,638	12.9
New York	1,063	8.4
Maryland	862	6.8
Massachusetts	854	6.7
Pennsylvania	787	6.2
Texas	696	5.5
Illinois	457	3.6
North Carolina	446	3.5
Michigan	427	3.4
Ohio	349	2.7
Washington	330	2.6
All other States	4,816	37.8

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Historically Black Colleges and Universities (HBCUs)

S&E support for 76 HBCUs totaled $232 million in FY 1993, a decline of 5 percent in current dollars from FY 1992 levels. R&D programs accounted for 60 percent of the HBCU total in contrast to their 86-percent proportion among all universities. Howard University was the leading HBCU recipient in terms of both R&D support and total S&E support at $18 million and $25 million, respectively. Among all universities, however, Howard University ranked 122nd in the Nation in S&E support.

Federal sources of R&D funding are somewhat broader for HBCUs than for all universities in

general. Five Federal agencies accounted for almost 90 percent of the R&D obligated to HBCUs, with no agency accounting for more than 25 percent of the R&D total. The funding shares of those five agencies ranged from 14 percent from NSF to 25 percent from USDA.

Independent Nonprofit Institutions

In FY 1993, Federal obligations for S&E R&D and R&D plant to 1,030 independent nonprofit institutions (excluding obligations to Federally Funded Research and Development Centers administered by nonprofit organizations) totaled $3.2 billion, 1 percent below FY 1992 levels in current dollars. Over three-fifths of all nonprofit support was to research institutes, even though they accounted for less than one-fourth of all recipient nonprofit institutions (which also include voluntary hospitals and other independent organizations such as private foundations and trade associations). Of the 10 leading nonprofit institutions ranked by levels of obligations in FY 1993 (table C), six were research institutes, as were the top three: Universities Research Association for Superconducting Super Collider (URA SSC) Lab ($495 million), the Mitre Corp. ($246 million), and Sematech, Inc. ($93 million).

The URA SSC Lab—which began to be phased out in FY 1994—received all of its support from DOE. DOD was the source of all support for Sematech, Inc., and nearly all of the Mitre Corp.'s funding. Of the Federal total, DOD provided about one-fourth of all obligations to nonprofit institutions, with nearly $7 of each $8 from DOD going to research institutes. HHS supplied over one-third of all Federal nonprofit support and nearly all Federal support to voluntary hospitals. The three largest voluntary hospital recipients were among the top 10 nonprofit organizations: the Massachusetts General Hospital ($89 million), the Brigham and Women's Hospital ($86 million), and the Scripps Clinic & Research Foundation ($73 million).

Table C. Federal R&D and R&D plant obligations to the leading 10 independent nonprofit institutions ranked by total amount received in fiscal year 1993

[Millions of dollars]

Institution and ranking	FY 1993	FY 1992
Total, all nonprofit institutions	$3,178	$3,208
1. U Rsch Assc Super Conduc	495	468
2. Mitre Corp	246	248
3. Sematech Inc	93	98
4. MA General Hospital	89	91
5. Brigham and Womens Hosp	86	82
6. Battelle Memorial Inst	79	63
7. Natl Academy of Sciences	76	77
8. Scripps Clinic & Rsch Fdn	73	69
9. SRI International	64	63
10. Draper Laboratories	64	41

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

General Notes

The data presented in these tables represent all categories of direct Federal science and engineering (S&E) support to institutions of higher education in the United States. The 15 Federal agencies included provided virtually all funding for S&E research and development (R&D) at universities and colleges. In addition, data are reported on these agencies' obligations to nonprofit institutions. Data on field of S&E disciplines and on federally funded research and development centers (FFRDCs) were not published in this report but are available upon request.

Data Limitations and Relationship of This Survey to the Survey of Federal Funds for Research and Development

Data presented in this report on R&D and R&D plant by agency sometimes conflict significantly with such data presented in the annual National Science Foundation (NSF) survey titled Federal Funds for Research and Development, referred to hereafter as the Federal funds survey. The treatment of interagency transfers explains much of the difference in the totals. Interagency transfers of funds obligated to an academic or nonprofit institution are reported in the Federal support survey by the agency that actually obligates the funds to the receiving institution. In the Federal funds survey, however, obligations are reported by the initiating agency.

Each of several agencies utilizes personnel from separate internal offices to respond to the two individual surveys, and each frequently collects data from different sources. Data for the Federal support survey, for example, are generally processed from award files, whereas Federal funds survey data are usually derived from agency budget documents.

Respondents from the separate internal offices that participate in the two surveys also frequently differ in their interpretation of the survey questions. The National Institutes of Health, for example, report their Biomedical Research Support Grants under "general support for science and engineering" in the Federal support survey but under "research and development" in the Federal funds survey. Regarding the structure of the surveys themselves, the data presented in this report differ in two main ways from those presented in the report on the Federal funds survey, as follows.

1. The two surveys differ in number of agencies involved. In the Federal support survey, the 15 Federal agencies that obligate virtually all of Federal support to academic R&D collect data on all Federal S&E obligations to institutions of higher education. For the Federal funds survey, data are gathered on budgets for R&D and R&D plant from all 32 Federal agencies that conduct such programs.

2. The scope of information gathered differs. Data collected in the Federal support survey pertain to individual academic institutions. Those collected in the Federal funds survey relate to all types of performers and are detailed as to character of work (basic research, applied research, and development).

The fiscal year (FY) 1993 data shown in this report were submitted by the following Federal agencies, listed by the acronyms or abbreviated forms under which data were reported for them:

- AID - Agency for International Development
- Com - Department of Commerce
- DoD - Department of Defense
- DOT - Department of Transportation
- Ed - Department of Education
- EPA - Environmental Protection Agency
- DOE - Department of Energy
- HHS - Department of Health and Human Services
  - ACF - Administration for Children and Families
  - AHCPR - Agency for Health Care Policy and Research
  - AoA - Administration on Aging
  - ATSDR - Agency for Toxic Substances and Disease Registry
  - CDC - Centers for Disease Control and Prevention

FDA	- Food and Drug Administration
HCFA	- Health Care Financing Administration
HRSA	- Health Resources and Services Administration
IHS	- Indian Health Service
OASH	- Office of the Assistant Secretary for Health
NIH	- National Institutes of Health
SAMHSA	- Substance Abuse and Mental Health Services Administration
SSA	- Social Security Administration
HUD	- Department of Housing and Urban Development
Int	- Department of the Interior
Labor	- Department of Labor
NASA	- National Aeronautics and Space Administration
NRC	- Nuclear Regulatory Commission
NSF	- National Science Foundation
USDA	- Department of Agriculture

The following abbreviated references are used:

FFRDC	- federally funded research and development center (data on these are not published in this report)
FTTG	- fellowships, traineeships, and training grants
FY	- fiscal year
n.e.c.	- not elsewhere classified
R&D	- research and development
S&E	- science and engineering
SRS	- Division of Science Resources Studies, NSF, which produces this report

Obligations shown for universities and colleges do not include funds obligated to FFRDCs administered by academic institutions. FFRDCs are R&D-performing entities that are formed to meet a particular Federal R&D objective that cannot be met effectively by existing organizational resources. They range from the traditional contractor-owned/contractor-operated or Government-owned/contractor-operated organizational structures to various degrees of contractor/Government control and ownership. Obligations to these organizations have not been published in this report (nor have data on nonprofit-administered FFRDCs), but data on FFRDCs are available upon request.

The data exclude financial support of an indirect nature, such as funds allocated to State agencies, even if the final recipient of such funds is known to be an academic institution.

Because of rounding, data shown in the text or tabulations may not add to the totals or subtotals. Reported obligations were rounded to the nearest thousand dollars.

For further information concerning the availability of Federal support survey data and the technical aspects of this survey, please contact Richard J. Bennof, Project Officer at the following address:

Research and Development Statistics Program
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Telephone: (703) 306-1772, ext. 6938
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Information Sources

Data Tapes

Public-use tapes from the Integrated Academic Science and Engineering Data Base are available for purchase and will normally be shipped within 3 working days from receipt of order. Data tapes from the most recent surveys (1993) are currently available. Individuals interested in obtaining data tapes from the NSF Surveys of Academic Science and Engineering should request a copy of the *Guide to the Data Files From the National Science Foundation's Annual Surveys of Academic Science and Engineering*, which contains order forms and detailed information about the tapes. This document may be obtained by calling NSF's Division of Science Resources Studies at (703) 306-1772.

Institutional Profiles

Selected data items for individual doctorate-granting institutions and schools with science and engineering departments that grant a master's degree

are available on computer-generated institutional profiles. An institutional profile consists of data not only from this survey, but from NSF's other two academic S&E surveys: the Survey of Scientific and Engineering Expenditures at Universities and Colleges (R&D expenditures survey) and the Survey of Graduate Students and Postdoctorates in Science and Engineering (graduate student survey). For information on obtaining one or a limited group of institutional profiles, please call Richard J. Bennof at (703) 306-1772.

CASPAR

Institutional planners are now able to acquire data from several academic S&E resources on CD-ROM. The compact disc contains the Computer-Aided Science Policy Analysis and Research (CASPAR) database system, which is an easy-to-use tool for retrieval and analysis of statistical data on academic S&E resources. CASPAR provides the analyst with an extensive and growing data library with multiyear statistics on the state of higher education in general and on academic S&E resources specifically. This data library is developed from multiple sources using standardized institutional names and field of S&E definitions. The CASPAR program includes built-in help capabilities to facilitate the use and interpretation of the data.

CASPAR data are drawn from a number of sources. All data are available at the individual institution level, at the State level, and at the national level. Longitudinal data from surveys of universities and colleges conducted by the NSF Division of Science Resources Studies include the Federal support survey and R&D expenditures survey in addition to the graduate student survey. Data from the surveys of universities and colleges conducted by the National Center for Education Statistics include earned degrees, opening fall enrollment, faculty salaries, tenure and fringe benefits, and financial statistics. Data from other sources include the National Research Council Doctorate Programs Ratings.

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Section A.

Technical Notes

Scope of Survey

Data presented in this report are collected annually through the National Science Foundation's (NSF's) Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions (Federal support survey). The survey originated in 1965, when the Committee on Academic Science and Engineering (CASE) within the Federal Council for Science and Technology established the CASE data collection system in order to report annually to the council on Federal science and engineering (S&E) obligations to academic institutions and associated federally funded research and development centers (FFRDCs). Since 1968, CASE data, as well as data on nonprofit institutions, have served as the basis for an annual report to the President and Congress.

This survey is designed to collect information from Federal agencies on (1) total S&E program support in thousands of dollars to academic institutions, (2) total S&E support to FFRDCs administered by academic institutions, and (3) research and development (R&D) and R&D plant support to nonprofit institutions and associated FFRDCs. Data on FFRDCs have not been published in this report but are available upon request.

The fiscal year 1993 data in this report were submitted by 15 Federal agencies, covering the period October 1, 1992, through September 30, 1993. Data reported by the Agency for International Development, the Departments of Housing and Urban Development, Labor, and Transportation, and the Nuclear Regulatory Commission were combined, because of space constraints, to constitute the "other" category in tables that show funding by agency. In 1993 these five agencies accounted for less than 1 percent of all Federal academic support. In several tables (including B-8, B-11, B-13 through B-20, B-22, and B-23) that list R&D obligations by agency and by individual academic institution, Department of Defense obligations are listed in two columns (one for research and the other for development). To accommodate the extra column, the "other" category in those tables includes data from the Department of the Interior in addition to the above five agencies. In 1993 the 15 agencies reported obligations to 1,091 universities and colleges, 35 academic system offices, and 1,030 independent nonprofit institutions.

In fiscal year 1993 the Johns Hopkins University Applied Physics Lab accounted for $428 million of Johns Hopkins' $431 million in total funding from the Department of Defense (DoD). During the fiscal year 1987 survey cycle, DoD determined that some funds reported in prior years as R&D obligations to the university were more appropriately classified as "other sciences and engineering." These funds were obligated to the Applied Physics Lab by the Department of the Navy, primarily for defense systems evaluations and improvements. Data for fiscal years 1986, 1985, and 1984 have been revised, but DoD was unable to revise data prior to fiscal year 1984. In addition, the fiscal year 1984 R&D total for the Applied Physics Lab was revised downward.

As a result of trend editing of the Department of Education's data each year, a small number of academic institutions' dollar totals are distributed by type of activity (R&D, R&D plant, etc.) on a prorated basis through fiscal year 1992 by NSF because the Department of Education could only evaluate the data on a "total obligations" basis. During the fiscal year 1987 survey cycle, the Department of Education determined that institution coding problems in earlier years caused its database to produce several large funding trend shifts at specific universities.

This report has been organized to focus on Federal S&E obligations to individual institutions in the B-series tables; the table of contents for this series begins on page 15.

Data are shown for Federal obligations to institutions classified as historically black universities and colleges by type of activity, by agency, and by R&D obligations.

"R&D plant" in this report refers to large facilities and fixed equipment. Data on "research instrumentation" are not separately identifiable in this report. Research instrumentation funds are for equipment purchased under research project awards from current-fund accounts and are included under totals for research and development.

Some agencies not surveyed, such as the Department of Justice, may account for a significant proportion of the total receipts at some institutions, even though those receipts may constitute a small proportion of total academic R&D.

Obligations figures listed for individual institutions reflect direct Federal S&E support so that amounts subcontracted to other institutions are included. Those funds received through subcontract arrangements from prime contractors are excluded.

Federal obligations to institutions are presented on the basis of the individual institutions that are components of the system, but obligations awarded directly to the central administration of a system are listed separately. If the final destination of the funds is not known, however, the agencies report them as obligations to a system's administrative office, or "central system," from which the funds are distributed to the system's individual institutions.

Other Science Resources Studies Reports on Federal R&D Funding

In addition to the Survey of Federal Funds for Research and Development report, the NSF Division of Science Resources Studies publishes one other report related to Federal R&D funding. *National Patterns of R&D Resources* includes information on R&D expenditures by different performers including industry, academia, and the Federal Government. The expenditures data in *National Patterns,* with the exception of Federal intramural R&D, are based on sample surveys of the performers of R&D. Respondents are asked to report how much they actually spent on R&D during the year and the source of those funds. Data in *National Patterns* are based on expenditures reported by performers; performers of R&D often expend Federal funds in a different year from the one in which the Federal Government provided authorization, obligations, or outlays.

National Patterns data are based on a calendar year, but data in *Federal Support to Universities, Colleges, and Nonprofit Institutions* are based on the actual fiscal year. The two reports also differ in concepts and definitions.

Definitions

Obligations are the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required. Obligations differ from expenditures in that funds allocated by Federal agencies during one fiscal year may be spent by the recipient institution either partially or entirely during one or more subsequent years.

Type of Institution

Universities and colleges are those institutions of higher education in the United States that offer at least 1 year of college-level study leading toward a degree. A university or college comprises all parts of an academic institution, such as colleges of liberal arts, professional schools, hospitals, schools of agriculture, and agricultural experiment stations, including bureaus, offices, and research centers (excluding FFRDCs), whether located on or off the main campus, and branch campuses controlled directly by the parent institution. The universe of academic institutions that is the foundation of this survey is derived from the higher education institutions' portion of the Department of Education's Integrated Postsecondary Education Data System (IPEDS), sponsored by the National Center for Education Statistics, and the *1994 Higher Education Directory,* published by Higher Education Publications, Inc.

Institutions included are those that received Federal S&E support during fiscal year 1993 and possessed a significant degree of academic and administrative autonomy. Institutions within a system (a group of institutions having a collective legal status and generally recognized by a State government, a board of education, or other relevant organization) in which a significant degree of autonomy remains at the individual institution level are presented separately; obligations to branch campuses are included in the totals for their parent institutions. The study excludes all obligations to the service academies and to the U.S. Department of Agriculture Graduate School.

Independent nonprofit institutions are legal entities other than universities and colleges, are privately organized or chartered to serve the public interest, and are exempt from most forms of Federal taxation. Data presented for nonprofit institutions and for nonprofit-administered FFRDCs are obligations for R&D and R&D plant reported by the 15 participating agencies.

Coverage of the nonprofit section in the Federal support survey was expanded beginning in the late 1970s to include all types of nonprofit institutions that receive Federal R&D funds. For NSF purposes the types of institutions are defined as follows:[1]

1. **Research institute.** A separately incorporated, independent nonprofit organization operating under the direction of its own controlling body, the primary function of which is the performance of R&D in the sciences and engineering.

2. **Voluntary hospital**. A member of the American Hospital Association not subject to the control of either Federal, State, or local governments, nor an integral part of any institution of higher education. Hospitals that have been set up by research institutes and that, although providing patient care, function primarily as laboratories for the research institutes are included in the "Research institute" category.

3. **All other independent nonprofit institutions.**

   (a) **Professional or technical society, or academy of science and engineering.** A voluntary association of individuals sharing a common interest in the advancement of knowledge, either within a single field or across a broad spectrum of disciplines. The major function of these organizations is to aid and encourage the collection, collation, and dissemination of S&E knowledge for the benefit of their members and the community as a whole.

   (b) **Private foundation**. A nongovernmental, nonprofit organization having a principal fund of its own, managed by its own trustees or directors, and established to maintain or to aid social, educational, charitable, religious, or other activities serving the common welfare. Private foundations include operating foundations that allocate the greater proportion of their R&D budgets to intramural performance and philanthropic foundations that allocate most of their funds to grants and contracts for research to be performed extramurally.

   (c) **Science exhibitor**. A nonprofit organization whose primary goal is to expand scientific literacy within the community by providing exhibits that display and interpret the latest scientific findings within its field or fields. Included in this category are museums, zoological parks, botanical gardens, and arboretums.

   (d) **Trade association**. An organization of business competitors, in a specific industry or business, that is interested primarily in the commercial promotion of products or services. Membership is usually held in the name of a business entity. Activities may fall into one or more of the following areas: business ethics, management practices, standardization, commercial (i.e., statistical) research, publication, promotion, and public relations.

   (e) **Agricultural cooperative.** An organization of individuals or business entities that are normally competitors in the production and sale of agricultural products. Activities may include one or more of the following areas: collective marketing or purchasing, research, public relations, and the improvement of the economic condition of the farm population of the United States.

Category of Support

Academic science and engineering includes all obligations for R&D; R&D plant; facilities and equipment for S&E instruction; fellowships, traineeships, and training grants (FTTGs); general support for science and engineering; and other S&E activities. These activities are defined as follows:

[1] National Science Foundation, *R&D Activities of Independent Nonprofit Institutions, 1973* (NSF 75-308) (Washington, DC: GPO, 1975)

1. **Research and development** includes all research activities, both basic and applied, and all development activities that are supported at universities and colleges. Demonstration projects conducted to discover whether a technology or method is workable are considered to be within the scope of R&D if their objective is to produce new information within a specific time period.

   "Research" is defined as systematic study directed toward fuller scientific knowledge or understanding of the subject studied. Research can be classified as basic or applied, although data reported here are not separated into these categories. In basic research the investigation is oriented toward gaining a better knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications toward processes or products in mind. In applied research the investigation is aimed at gaining the knowledge or understanding necessary for determining the means by which a recognized and specific need may be met.

   "Development" is the systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

   Research and development excludes topographic mapping and surveys, collection of general-purpose statistics, and activities concerned primarily with the dissemination of scientific information. Also excluded are routine product testing, quality control, and R&D facilities and fixed equipment.

   "Research equipment" is included as part of R&D. It includes any item (or interrelated collection of items constituting a system) of nonexpendable tangible property or software having a useful life of more than 2 years and an acquisition cost of $500 or more that is used wholly or in part for research.

2. **R&D plant** includes all costs—direct, indirect, and related—of all projects whose main objective is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in scientific or engineering research and development. A facility is interpreted broadly to be any physical resource important to the conduct of R&D. Excluded are expendable research equipment and office furniture and equipment.

3. **Facilities and equipment** for S&E instruction include all programs whose main purpose is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in instruction in science and engineering.

4. **Fellowships, traineeships, and training grants** include graduate programs in support of the development and maintenance of S&E personnel resources. The total amounts pertaining to such awards (stipends and cost-of-education allowances) are reported on the basis of the institution chosen by the recipient. Excluded are programs that support research and education institutes, seminars, and conferences such as teacher-training activities provided through teacher institutes, short courses, research participation, and in-service seminars; activities aimed at the development of education techniques and materials for use in S&E training; and programs that provide special opportunities for increasing the scientific knowledge and experience of precollege and undergraduate students. These activities are included in "other science and engineering activities" (see category 6) if they are S&E oriented.

5. **General support for science and engineering** includes programs that support nonspecific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or

institutions as a whole and embody varying types of support—ranging from support provided without any specification of purpose other than that the funds be used for scientific projects to projects in which funds are provided for activities within a specified field of science and engineering without a specific purpose. The National Institutes of Health's (NIH's) Biomedical Research Support Grants and Minority Biomedical Support Grants are examples of these types of programs.

6. **Other S&E activities** include all academic S&E activities that cannot be assigned to one of the preceding five categories, including obligations in support of technical conferences, teacher institutes, and activities aimed at increasing the scientific knowledge of precollege and undergraduate students.

Federally Funded Research and Development Centers

The following is a list of federally funded research and development centers (FFRDCs) included in the Federal support survey. The list is arranged by sponsoring agency and administering organization (in parentheses). Respondents reported under the FFRDC category funds obligated to centers identified on this list.

Department of Defense

Office of the Secretary of Defense

Administered by other nonprofit institutions[1]

Institute for Defense Analyses (Institute for Defense Analyses), Alexandria, VA

Logistics Management Institute (Logistics Management Institute), McLean, VA[2]

National Defense Research Institute (RAND Corp.[3]), Santa Monica, CA

C3I Federally Funded Research and Development Center (MITRE Corp.[4]), Bedford, MA and McLean, VA

Advanced Research Projects Agency

Administered by universities and colleges[5]

Software Engineering Institute (Carnegie Mellon University), Pittsburgh, PA

Department of the Navy

Administered by other nonprofit institutions[1]

Center for Naval Analyses (Center for Naval Analyses), Alexandria, VA

Department of the Air Force

Administered by universities and colleges[5]

Lincoln Laboratory (Massachusetts Institute of Technology), Lexington, MA

Administered by other nonprofit institutions[1]

Aerospace Federally Funded Research and Development Center (Aerospace Corporation), El Segundo, CA

Project Air Force (RAND Corp.[3]), Santa Monica, CA

Department of the Army

Administered by other nonprofit institutions[1]

Arroyo Center (RAND Corp.[3]), Santa Monica, CA

Department of Energy

Administered by universities and colleges[5]

Ames Laboratory (Iowa State University of Science and Technology), Ames, IA

Argonne National Laboratory (University of Chicago), Argonne, IL

Brookhaven National Laboratory (Associated Universities, Inc.), Upton, Long Island, NY

Continuous Electron Beam Accelerator Facility (Southeastern Universities Research Association, Inc.), Newport News, VA

Ernest Orlando Lawrence Berkeley National Laboratory (University of California), Berkeley, CA

Fermi National Accelerator Laboratory (Universities Research Association, Inc.), Batavia, IL

Lawrence Livermore National Laboratory (University of California), Livermore, CA

Los Alamos National Scientific Laboratory (University of California), Los Alamos, NM

Oak Ridge Institute for Science and Education (Oak Ridge Associated Universities, Inc.), Oak Ridge, TN

Princeton Plasma Physics Laboratory (Princeton University), Princeton, NJ

Stanford Linear Accelerator Center (Leland Stanford, Jr. University), Stanford, CA

Administered by other nonprofit institutions[1]

Inhalation Toxicology Research Institute (Lovelace Institutes), Albuquerque, NM

National Renewable Energy Research Laboratory[6] (Midwest Research Institute), Golden, CO

Pacific Northwest Laboratories (Battelle Memorial Institute), Richland, WA

National Aeronautics and Space Administration

Administered by universities and colleges[5]

Jet Propulsion Laboratory (California Institute of Technology), Pasadena, CA

National Science Foundation

Administered by universities and colleges[5]

National Astronomy and Ionosphere Center (Cornell University), Arecibo, PR

National Center for Atmospheric Research (University Corporation for Atmospheric Research), Boulder, CO

National Optical Astronomy Observatories[7] (Association of Universities for Research in Astronomy, Inc.), Tucson, AZ

National Radio Astronomy Observatory (Associated Universities, Inc.), Green Bank, WV

Administered by other nonprofit institutions[1]

Critical Technologies Institute (RAND Corp.[3]), Washington, DC

Nuclear Regulatory Commission

Administered by other nonprofit institutions[1]

Center for Nuclear Waste Regulatory Analyses (Southwest Research Institute), San Antonio, TX

Deparment of Transportation

Federal Aviation Administration

Administered by other nonprofit institutions[1]

Center for Advanced Aviation System Development (MITRE Corp.[4]), McLean, VA

Department of the Treasury

Internal Revenue Service

Administered by other nonprofit institutions[1]

Tax Systems Modernization Institute (IIT Research Institute), Lanham, MD

Endnotes:

[1] That is, other than universities and colleges.

[2] Logistics Management Institute (LMI) moved from Bethesda, MD to McLean, VA in May 1994.

[3] The following portions of the RAND Corporation should be reported as FFRDCs: Project Air Force, National Defense Research Institute (formerly Defense/Office of the Joint Chiefs of Staff), the Arroyo Center, and the Critical Technologies Institute. All other agency support to RAND should be reported under nonprofit institutions.

[4] Only the C3I Federally Funded Research and Development Center and the Center for Advanced Aviation System Development parts of the MITRE Corporation should be reported as FFRDCs. All other agency support to MITRE should be reported under nonprofit institutions.

[5] Includes university consortia.

[6] In September 1991 the name was changed from Solar Energy Research Institute.

[7] Since February 1984 this center includes three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory, and the National Solar Observatory (formerly Sacramento Peak Observatory).

NOTE: The Department of the Army decertified the Institute for Advanced Technology (University of Texas), Austin, TX as an FFRDC in November 1993. All obligations previously reported to this institution should be reported under universities and colleges.

Section B.

Detailed Statistical Tables: Federal Science and Engineering Obligations

To obtain accurate historical data, use only the latest detailed statistical tables (covering FY 1993) and not data published earlier. Data presented in trend tables are assembled from the most recent completed survey cycle. Data for prior years are reviewed for consistency with current-year responses and, when necessary, are revised in consultation with agencies and/or institutions. For that reason, references to prior-years' data should be restricted to those published in this document.

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[Dollars in thousands]

Fiscal year	Total, academic S&E	Research and development [1]	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities [1]
1963	1,328,511	829,524	105,896	(2)	(2)	(2)	393,091
1964	1,528,604	975,597	100,837	(2)	(2)	(2)	452,170
1965	1,816,171	1,094,963	126,196	(2)	(2)	(2)	595,012
1966	2,163,504	1,252,146	114,767	(2)	365,560	(2)	431,031
1967	2,323,795	1,301,242	111,309	(2)	447,236	(2)	464,008
1968	2,349,817	1,398,305	96,148	(2)	440,895	(2)	414,469
1969	2,361,399	1,474,681	54,516	(2)	436,270	(2)	395,932
1970	2,187,579	1,446,618	44,778	(2)	429,408	(2)	266,775
1971	2,343,129	1,551,391	29,942	28,729	421,029	99,669	212,369
1972	2,599,111	1,853,085	36,917	26,341	387,888	83,288	211,592
1973	2,464,362	1,870,690	43,338	13,372	287,210	38,964	210,788
1974	2,736,984	2,085,204	29,009	3,506	326,600	86,974	205,691
1975	2,805,877	2,246,182	44,787	5,026	201,273	46,353	262,256
1976	2,959,656	2,430,970	23,899	3,210	174,871	74,483	252,223
1977	3,351,337	2,803,017	36,471	3,282	184,671	75,928	247,968
1978	3,962,500	3,388,438	34,328	4,906	205,925	74,398	254,505
1979	4,473,529	3,874,384	32,068	6,743	204,866	92,483	262,985
1980	4,790,972	4,160,543	37,780	3,776	210,121	91,541	287,211
1981	5,062,856	4,410,931	27,694	4,563	205,448	92,721	321,499
1982	5,179,610	4,554,475	31,200	829	176,582	80,137	336,387
1983	5,680,631	5,024,330	37,547	2,522	189,616	94,847	331,769
1984	6,308,014	5,448,821	49,764	1,889	194,895	112,588	500,057
1985	7,257,862	6,246,181	113,932	4,947	253,082	119,171	520,549
1986	7,430,872	6,456,743	105,827	4,990	246,196	111,130	505,986
1987	8,567,284	7,241,001	229,875	13,722	290,942	236,933	554,811
1988	9,136,202	7,719,162	202,907	13,345	309,348	171,826	719,614
1989	10,074,620	8,522,555	237,010	16,911	340,458	197,745	759,941
1990	10,443,105	9,005,771	124,841	19,241	393,820	143,917	755,515
1991	11,831,388	10,027,270	151,808	32,792	469,297	192,823	957,398
1992	12,739,476	10,859,207	204,722	38,504	509,774	159,244	968,025
1993	12,724,675	10,940,124	259,421	32,228	524,786	66,087	902,029

[1] See Technical Notes, "Scope of Survey."

[2] Not separately identified but included under "Other S&E activities."

NOTE: Some trend shifts are related to institutional reclassification. As of 1978 two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-93 but are excluded for prior years. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution; academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-93 do not.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-93

[Dollars in millions]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Total, academic science and engineering (S&E)																
1963	1,328.5	104.0	1.8	218.0	NA	NA	76.1	NA	581.0	NA	3.8	NA	NA	87.4	256.3	NA	NA
1964	1,528.6	115.0	1.7	258.1	NA	NA	79.9	NA	683.8	NA	5.0	NA	NA	107.6	277.5	NA	NA
1965	1,816.2	135.6	2.6	267.9	NA	NA	84.4	NA	856.5	NA	9.6	NA	NA	134.3	325.2	NA	NA
1966	2,163.5	141.0	2.8	278.0	NA	NA	96.9	NA	1,109.2	NA	19.0	NA	NA	142.2	374.5	NA	NA
1967	2,323.8	144.8	4.4	264.1	NA	NA	109.6	NA	1,251.0	NA	23.9	NA	NA	131.5	394.5	NA	NA
1968	2,349.8	144.2	8.0	243.1	12.5	NA	119.7	NA	1,229.4	1.7	28.2	NA	6.6	129.8	422.8	NA	3.7
1969	2,361.4	155.9	2.2	278.7	9.3	NA	121.0	NA	1,261.8	1.1	24.3	3.9	9.1	127.2	367.0	NA	NA
1970	2,187.6	182.1	3.9	265.5	18.9	NA	114.5	NA	1,036.7	.5	27.7	5.5	3.5	131.2	387.4	NA	10.1
1971	2,343.1	214.6	7.6	249.0	16.4	NA	105.8	27.2	1,142.3	.7	22.6	19.1	5.2	134.1	387.7	NA	10.8
1972	2,599.1	238.6	26.0	243.9	8.3	NA	95.4	23.3	1,318.4	1.5	24.3	18.7	7.3	119.0	458.7	NA	15.9
1973	2,464.4	256.8	28.4	232.9	8.7	NA	96.2	27.7	1,225.0	.9	23.7	10.7	6.3	111.4	419.6	NA	15.9
1974	2,737.0	260.7	29.4	184.4	4.1	NA	99.5	30.9	1,515.4	.6	23.8	19.9	7.1	98.9	449.6	NA	12.8
1975	2,805.9	290.7	25.8	190.5	NA	NA	124.3	38.8	1,467.4	2.3	28.8	12.4	5.5	108.0	490.5	**	20.8
1976	2,959.7	328.6	38.2	211.9	NA	NA	144.1	33.0	1,522.2	1.4	28.2	13.5	4.5	118.9	496.3	3.2	15.7
1977	3,351.3	343.2	32.5	267.3	NA	NA	208.1	46.3	1,686.5	4.3	29.5	24.4	7.2	121.0	565.8	4.5	10.9
1978	3,962.5	391.7	35.9	452.3	NA	NA	267.2	57.4	1,900.8	10.5	42.5	28.1	12.6	130.5	607.1	8.4	17.5
1979	4,473.5	422.5	48.0	528.7	NA	NA	273.9	66.9	2,216.0	4.0	40.1	28.5	11.1	143.9	671.6	6.9	11.4
1980	4,791.0	444.1	51.6	555.9	NA	48.0	309.6	81.5	2,281.1	4.3	42.4	38.6	10.3	171.2	726.4	7.0	19.1
1981	5,062.9	491.4	51.8	726.0	NA	56.1	310.4	67.5	2,363.6	3.0	34.2	31.3	12.8	183.5	695.1	7.4	28.5
1982	5,179.6	529.7	40.6	857.3	NA	35.6	288.2	83.8	2,332.8	2.6	28.3	50.4	8.4	176.9	728.1	5.0	12.0
1983	5,680.6	566.0	51.0	940.3	NA	34.9	320.0	50.3	2,602.2	1.5	32.0	43.4	6.4	203.8	798.8	4.7	25.4
1984	6,308.0	607.4	105.8	954.6	NA	43.6	348.4	51.9	2,934.1	.2	32.2	56.3	3.1	216.6	935.6	4.6	13.6
1985	7,257.9	652.8	81.2	1,061.1	NA	69.6	451.7	65.2	3,440.0	.2	33.1	57.0	3.4	251.0	1,078.7	5.4	7.6
1986	7,430.9	620.7	70.3	1,206.2	NA	74.0	420.5	70.8	3,536.0	.1	40.9	44.3	3.7	270.3	1,055.8	3.8	13.6
1987	8,567.3	674.7	88.8	1,278.5	NA	280.8	475.1	74.3	4,195.3	.1	39.4	53.3	8.3	309.8	1,069.5	3.9	15.3
1988	9,136.2	741.7	81.4	1,377.4	NA	255.6	536.2	66.2	4,486.2	**	41.6	48.5	8.0	363.7	1,102.0	3.6	24.2
1989	10,074.6	721.7	74.0	1,486.4	NA	269.6	565.3	85.8	4,916.3	.0	56.2	65.3	6.5	461.9	1,336.2	4.3	25.1
1990	10,443.1	762.1	110.4	1,342.2	NA	260.1	556.1	93.6	5,198.4	.1	60.5	47.4	8.6	511.3	1,445.1	4.6	42.6
1991	11,831.4	867.5	121.9	1,539.6	NA	354.1	661.8	115.9	5,765.2	**	82.8	31.9	5.8	592.9	1,642.3	5.4	44.1
1992	12,739.5	941.9	129.2	1,509.7	NA	402.3	705.3	150.0	6,210.1	.2	79.7	27.6	9.2	679.8	1,830.1	5.9	58.3
1993	12,724.7	940.5	109.8	1,833.9	NA	156.4	716.2	152.7	6,023.1	.4	77.7	11.5	6.6	737.1	1,858.4	4.8	95.6

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-93

[Dollars in millions]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Research and development (R&D)																
1963	829.5	40.6	1.5	218.0	NA	NA	68.3	NA	332.9	NA	3.8	NA	NA	59.8	104.6	NA	NA
1964	975.6	47.5	1.1	258.1	NA	NA	70.5	NA	399.2	NA	5.0	NA	NA	78.2	115.8	NA	NA
1965	1,095.0	59.1	2.1	267.9	NA	NA	74.8	NA	441.9	NA	9.5	NA	NA	100.6	139.2	NA	NA
1966	1,252.1	62.9	2.1	278.0	NA	NA	83.2	NA	507.3	NA	18.7	NA	NA	107.4	192.5	NA	NA
1967	1,301.2	64.0	3.4	264.1	NA	NA	89.7	NA	577.0	NA	23.9	NA	NA	109.0	170.2	NA	NA
1968	1,398.3	62.2	6.7	243.1	12.5	NA	101.8	NA	619.1	1.0	27.8	NA	6.6	126.1	187.7	NA	3.7
1969	1,474.7	63.6	1.7	278.7	9.3	NA	103.1	NA	667.1	1.0	23.5	3.9	9.1	122.3	191.5	NA	NA
1970	1,446.6	67.4	3.2	265.5	18.9	NA	101.4	NA	614.9	.5	27.1	5.5	3.5	127.4	201.2	NA	10.1
1971	1,551.4	74.8	6.9	249.0	16.4	NA	95.9	17.0	695.7	.7	21.3	17.1	3.3	128.5	216.9	NA	8.0
1972	1,853.1	88.6	23.6	243.9	8.3	NA	86.9	17.7	879.3	1.5	23.0	13.5	7.3	112.4	334.7	NA	12.4
1973	1,870.7	93.8	24.9	232.9	8.7	NA	85.2	18.6	903.8	.9	22.2	8.4	5.0	102.6	348.5	NA	15.2
1974	2,085.2	96.7	26.6	184.4	3.4	NA	94.6	24.1	1,129.0	.6	22.2	18.4	5.6	92.0	376.1	NA	11.5
1975	2,246.2	110.5	22.2	190.5	NA	NA	119.2	33.8	1,205.3	2.3	27.2	8.3	4.0	100.2	404.6	0	18.1
1976	2,431.0	124.2	29.0	211.9	NA	NA	138.1	29.3	1,296.2	1.4	25.7	10.7	3.0	106.8	436.6	3.2	14.9
1977	2,803.0	142.2	32.2	267.3	NA	NA	187.2	45.0	1,452.1	4.3	27.4	20.2	7.2	113.7	491.0	3.8	9.6
1978	3,388.4	175.3	35.0	452.3	NA	NA	251.1	53.8	1,657.6	10.5	34.3	24.9	12.6	124.7	531.5	8.4	16.4
1979	3,874.4	193.8	46.5	528.7	NA	NA	256.4	61.1	1,966.5	4.0	35.3	28.0	11.1	137.2	587.8	6.5	11.4
1980	4,160.5	211.8	50.4	555.9	NA	48.0	279.6	76.9	2,025.6	4.3	38.8	38.6	10.3	161.3	633.9	6.1	19.1
1981	4,410.9	241.4	51.1	700.5	NA	56.1	281.8	64.2	2,112.8	3.0	30.2	31.3	12.8	173.9	616.8	7.0	27.8
1982	4,554.5	256.5	39.7	813.7	NA	35.6	265.2	78.1	2,110.6	.5	21.5	50.4	8.4	167.7	689.8	5.0	11.7
1983	5,024.3	273.9	50.1	913.4	NA	34.9	296.6	45.3	2,360.3	1.1	20.8	43.4	6.4	189.4	759.1	4.7	25.1
1984	5,448.8	273.0	75.6	827.8	NA	43.6	317.1	47.3	2,681.4	.2	32.2	56.3	3.1	203.8	869.6	4.6	13.2
1985	6,246.2	300.4	79.7	908.9	NA	69.6	373.1	61.9	3,098.6	.2	32.9	57.0	3.4	237.3	1,011.1	4.9	7.2
1986	6,456.7	290.1	68.3	1,055.0	NA	72.2	346.9	67.9	3,212.1	.1	40.9	44.3	3.7	254.0	983.9	3.8	13.3
1987	7,241.0	296.0	87.6	1,098.9	NA	85.2	371.6	67.1	3,835.3	.1	39.4	53.3	8.3	293.6	987.5	3.9	13.2
1988	7,719.2	321.3	75.8	1,194.2	NA	69.6	407.6	64.1	4,128.3	**	39.1	48.5	8.0	339.5	998.3	3.6	21.3
1989	8,522.6	336.0	66.0	1,220.6	NA	68.6	448.7	77.5	4,512.0	0	52.8	65.3	6.5	435.7	1,206.6	4.3	21.9
1990	9,005.8	349.1	97.3	NA	NA	71.1	496.8	87.1	4,774.5	.1	57.8	47.4	8.6	470.7	1,304.6	4.6	39.2
1991	10,027.3	408.8	61.9	NA	NA	94.5	613.7	104.3	5,301.2	**	70.2	31.9	5.8	533.7	1,438.6	5.4	33.9
1992	10,859.2	465.2	66.9	NA	NA	104.6	632.2	135.4	5,784.2	.2	67.6	27.6	9.0	605.6	1,604.1	5.9	36.4
1993	10,940.1	462.5	58.4	NA	NA	94.8	582.1	142.6	5,610.3	.4	69.8	11.5	6.2	631.1	1,605.9	4.8	72.7
	DoD research only [3]																
1990	NA	NA	NA	720.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	840.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	838.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	1,130.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	DoD development only [3]																
1990	NA	NA	NA	476.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	482.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	475.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	456.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-93

[Dollars in millions]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	R&D plant [1]																
1963	105.9	.0	.0	.0	NA	NA	2.6	NA	39.2	NA	0.1	NA	NA	13.4	50.6	NA	NA
1964	100.8	.0	.0	.0	NA	NA	4.0	NA	39.9	NA	.0	NA	NA	9.1	47.8	NA	NA
1965	126.2	3.2	.0	.0	NA	NA	3.8	NA	54.8	NA	**	NA	NA	8.4	56.0	NA	NA
1966	114.8	2.0	.0	.0	NA	NA	7.4	NA	48.5	NA	.2	NA	NA	7.4	49.3	NA	NA
1967	111.3	2.0	0.3	.0	NA	NA	13.8	NA	38.1	NA	.0	NA	NA	5.0	52.1	NA	NA
1968	96.1	1.9	.2	.0	.0	NA	11.9	NA	36.9	.0	.0	NA	.0	.0	45.3	NA	.0
1969	54.5	1.2	.0	.0	.0	NA	11.4	NA	20.5	.0	**	.0	.0	.0	21.4	NA	NA
1970	44.8	1.1	**	.0	.0	NA	7.1	NA	20.0	.0	.0	.0	.0	.0	16.5	NA	.0
1971	29.9	.0	.0	.0	.0	NA	4.8	.0	15.2	.0	.0	.0	.0	.2	9.7	NA	.0
1972	36.9	.0	.0	.0	.0	NA	4.1	.0	22.2	.0	.0	.0	.0	.6	10.0	NA	.0
1973	43.3	.0	.3	.0	.0	NA	5.6	.0	26.7	.0	.2	.0	.0	3.0	7.4	NA	.0
1974	29.0	.0	.0	.0	.0	NA	4.2	.0	14.5	.0	.0	.0	.0	.1	10.2	NA	.0
1975	44.8	.0	.0	.0	NA	NA	4.2	.0	22.9	.0	.0	.0	.0	.1	17.6	.0	.0
1976	23.9	.0	1.0	.0	NA	NA	5.6	.0	11.4	.0	.0	.0	.0	.1	5.9	.0	.0
1977	36.5	.0	.0	.0	NA	NA	17.5	.0	11.1	.0	.0	.0	.0	**	7.3	.0	0.5
1978	34.3	.0	.0	.0	NA	NA	13.4	**	9.9	.0	.0	.0	.0	.0	11.0	.0	**
1979	32.1	.0	.0	.0	NA	NA	9.1	.0	7.5	.0	.0	0.5	.0	.2	14.7	.0	.0
1980	37.8	.0	.0	.0	NA	.0	20.6	.0	4.4	.0	.0	.0	.0	.2	12.6	.0	.0
1981	27.7	.0	.0	1.1	NA	.0	19.6	.0	2.0	.0	.0	.0	.0	.1	4.9	.0	.0
1982	31.2	.0	.0	.5	NA	.0	18.8	1.4	5.4	.0	.0	.0	.0	.2	4.9	.0	.0
1983	37.5	9.6	.0	.0	NA	.0	17.2	.1	1.5	.0	.0	.0	.0	1.5	7.7	.0	.0
1984	49.8	9.6	.0	.0	NA	.0	29.5	.1	.7	.0	.0	.0	.0	.3	9.7	.0	.0
1985	113.9	9.6	.0	**	NA	.0	77.7	.1	11.4	.0	.0	.0	.0	.2	14.9	.0	.0
1986	105.8	9.1	1.2	.0	NA	1.8	73.0	.0	4.2	.0	.0	.0	.0	.4	16.0	.0	.0
1987	229.9	55.4	.1	.0	NA	49.2	102.9	.0	4.2	.0	.0	.0	.0	.6	7.4	.0	.0
1988	202.9	68.0	.0	.0	NA	1.3	127.7	.0	.0	.0	.0	.0	.0	.6	5.4	.0	.0
1989	237.0	31.1	1.2	57.9	NA	1.3	115.5	.0	22.0	.0	.0	.0	.0	1.2	6.7	.0	.0
1990	124.8	45.1	.1	.0	NA	.0	57.2	.0	13.7	.0	.0	.0	.0	1.3	7.5	.0	.0
1991	151.8	58.3	.3	14.7	NA	2.1	41.4	.0	25.5	.0	.0	.0	.0	.8	8.8	.0	.0
1992	204.7	58.3	.2	.0	NA	.4	63.7	.0	17.2	.0	.0	.0	.0	1.1	63.8	.0	.0
1993	259.4	55.1	.4	.0	NA	.0	120.2	.0	10.6	.0	.0	.0	.0	9.9	63.3	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-93

[Dollars in millions]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Facilities for instruction in S&E																
1971[4]	28.7	0.3	.0	.0	.0	NA	2.3	.0	13.9	.0	0.1	.0	.0	.0	12.1	NA	.0
1972	26.3	.5	.0	.0	.0	NA	1.9	.0	20.9	.0	.0	.0	.0	.0	3.0	NA	.0
1973	13.4	.0	.0	.0	.0	NA	2.3	.0	9.4	.0	.1	.0	.0	.0	1.6	NA	.0
1974	3.5	.0	.0	.0	.0	NA	.0	.0	.4	.0	**	.0	.0	.0	3.1	NA	.0
1975	5.0	.0	0.1	.0	NA	NA	.0	.0	4.9	.0	.0	.0	.0	.0	**	.0	.0
1976	3.2	.0	.3	.0	NA	NA	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0
1977	3.3	.0	.0	.0	NA	NA	.4	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0
1978	4.9	.0	.0	.0	NA	NA	1.3	.0	.0	.0	**	.0	.0	.0	3.5	.0	.0
1979	6.7	.0	.0	.0	NA	NA	3.5	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1980	3.8	.0	.0	.0	NA	.0	.9	0.1	.0	.0	.0	.0	.0	.0	2.8	.0	.0
1981	4.6	.0	.0	0.2	NA	.0	1.1	**	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1982	.8	.0	.0	**	NA	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1983	2.5	.0	.0	**	NA	.0	2.3	2	.0	.0	.0	.0	.0	.0	.0	.0	.0
1984	1.9	.0	1.6	.3	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1985	4.9	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	0.1	.0
1986	5.0	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0
1987	13.7	.0	.0	.0	NA	5.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	.0	.0
1988	13.3	.0	2.5	.0	NA	.0	.0	.0	.0	.0	.4	.0	.0	.0	10.4	.0	.0
1989	16.9	.0	1.6	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	.0	.0
1990	19.2	.0	4.5	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	.0	.0
1991	32.8	.0	4.7	.1	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.8	.0	6.2
1992	38.5	.0	7.0	.0	NA	.0	1.3	.0	.0	.0	.0	.0	.0	.0	21.2	.0	9.0
1993	32.2	.0	4.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.1	.0	7.1
	Fellowships, traineeships, and training grants																
1966[4]	365.6	NA	.0	NA	NA	NA	3.2	NA	289.9	NA	.0	NA	NA	25.0	47.5	NA	NA
1967	447.2	NA	.0	NA	NA	NA	3.7	NA	379.1	NA	.0	NA	NA	15.0	49.4	NA	NA
1968	440.9	NA	.0	NA	.0	NA	3.6	NA	387.0	NA	.0	NA	.0	.9	49.4	NA	.0
1969	436.3	NA	.0	NA	.0	NA	5.5	NA	375.7	NA	.0	NA	.0	1.3	53.8	NA	NA
1970	429.4	NA	.0	NA	.0	NA	5.0	NA	369.6	NA	.0	NA	.0	2.1	52.7	NA	.0
1971	421.0	.0	**	.0	.0	NA	2.6	10.1	361.4	.0	**	.0	0.6	1.0	42.3	NA	2.8
1972	387.9	.0	0.4	.0	.0	NA	2.0	5.6	346.6	.0	.0	.0	.0	1.1	28.8	NA	3.5
1973	287.2	.0	.6	.0	.0	NA	2.3	9.2	256.8	.0	.0	.0	.0	1.3	16.4	NA	.7
1974	326.6	.0	**	.0	0.7	NA	.5	6.8	301.5	.0	.0	.0	.0	1.2	14.4	NA	1.3
1975	201.3	.0	**	.0	NA	NA	.7	5.0	181.7	.0	.0	.0	.0	1.3	9.7	.0	2.7
1976	174.9	.0	.0	.0	NA	NA	.1	3.6	155.6	.0	.0	.0	.0	1.3	13.4	**	.8
1977	184.7	.0	.0	.0	NA	NA	.2	1.3	165.9	.0	.0	.0	.0	1.4	14.8	0.1	.8
1978	205.9	.0	.0	.0	NA	NA	.7	3.6	184.2	.0	3.2	0.6	.0	1.3	11.7	**	.6
1979	204.9	.0	.0	.0	NA	NA	1.9	4.5	182.3	.0	.3	.0	.0	1.8	14.1	.0	.0
1980	210.1	.0	.0	.0	NA	.0	.0	4.5	187.6	.0	1.4	.0	.0	2.8	13.8	.0	.0
1981	205.4	.0	.0	.0	NA	.0	.0	2.4	183.5	.0	.9	.0	.0	3.7	14.8	.1	.0
1982	176.6	.0	.0	.0	NA	.0	.3	2.5	151.9	.0	.0	.0	.0	4.2	17.5	.0	.4
1983	189.6	0.2	.2	0.7	NA	.0	.2	2.6	164.0	.0	.0	.0	.0	5.2	16.2	.0	.3
1984	194.9	.2	.1	.0	NA	.0	.6	1.8	164.6	.0	.0	.0	.0	5.3	21.8	.0	.4
1985	253.1	7.0	.1	.8	NA	.0	.4	2.1	210.9	.0	.0	.0	.0	5.6	25.8	.0	.4
1986	246.2	4.7	.0	.5	NA	.0	.5	2.8	204.3	.0	.0	.0	.0	7.9	25.2	.0	.2
1987	290.9	4.7	.6	2.3	NA	11.8	.6	1.8	232.5	.0	.0	.0	.0	8.7	27.7	.0	.2
1988	309.3	4.6	2.6	1.5	NA	13.5	.7	2.0	239.3	.0	.0	.0	**	15.8	29.2	.0	.0
1989	340.5	4.6	1.2	.1	NA	22.9	.9	8.3	256.2	.0	.0	.0	**	13.0	33.0	.0	.2
1990	393.8	7.8	.7	.1	NA	28.5	1.6	3.5	288.9	.0	**	.0	.0	21.7	41.0	.0	.1
1991	469.3	10.9	3.9	1.3	NA	53.9	6.7	8.0	313.2	.0	.0	.0	.0	36.3	34.5	.0	.6
1992	509.8	10.5	4.0	2.7	NA	63.8	8.1	10.6	320.3	.0	.0	.0	.1	40.4	46.1	.0	3.0
1993	524.8	10.5	2.1	2.2	NA	57.7	13.8	8.1	335.0	.0	.0	.0	.4	42.1	47.1	.0	5.9

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-93

[Dollars in millions]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	General support for S&E																
1971[4]	99.7	0	0.2	.0	.0	NA	.0	.0	40.2	.0	1.1	.0	1.2	0	56.9	NA	0
1972	83.3	.0	1.5	.0	.0	NA	0	.0	40.7	.0	1.2	5.2	0	0	34.7	NA	0
1973	39.0	0	.0	.0	.0	NA	0	.0	20.2	.0	1.3	2.3	.9	0	14.2	NA	0
1974	87.0	.0	.5	.0	.0	NA	0	.0	64.2	.0	1.6	1.5	1.4	0	17.8	NA	0
1975	46.4	.0	1.8	.0	NA	NA	0	0	37.3	.0	1.6	4.2	1.5	0	.0	0	0
1976	74.5	0	4.4	.0	NA	NA	.0	0	41.8	.0	2.4	2.8	1.5	0	21.6	.0	0
1977	75.9	.0	.0	.0	NA	NA	2.5	.0	42.0	.0	1.8	4.1	0	0	24.8	0.7	0
1978	74.4	.0	.0	.0	NA	NA	.3	.0	45.0	.0	5.0	0	0	0	23.8	0	0.3
1979	92.5	4.7	.0	.0	NA	NA	**	1.3	52.8	.0	4.4	0	0	0	29.3	0	0
1980	91.5	.0	.0	.0	NA	0	5.6	.0	60.1	.0	2.3	0	0	0	23.2	4	0
1981	92.7	0	.0	7.1	NA	.0	.0	.9	60.0	.0	3.1	.0	0	0	21.0	0	.7
1982	80.1	0	.0	4.8	NA	.0	**	1.7	61.3	2.0	6.8	0	0	0	3.5	0	0
1983	94.8	0	.0	3.2	NA	**	3.7	1.6	73.6	.4	11.2	0	0	0	1.2	0	0
1984	112.6	.0	20.3	3.7	NA	.0	.6	2.7	83.9	.0	.0	0	0	0	1.5	0	0
1985	119.2	0	**	1.8	NA	.0	.4	1.1	112.5	.0	.3	0	0	0	3.0	0	0
1986	111.1	.0	**	2.1	NA	.0	.0	.0	106.1	.0	.0	.0	.0	.0	2.8	.0	0
1987	236.9	.0	.0	5.9	NA	108.1	0	4.3	113.1	.0	.0	.0	.0	.0	5.5	.0	.0
1988	171.8	.0	.0	2.5	NA	54.8	2	.0	109.0	.0	2.1	.0	0	.0	3.4	.0	0
1989	197.7	0	.0	1.8	NA	80.2	.0	.0	109.5	.0	3.3	.0	0	.0	2.9	0	0
1990	143.9	.0	1.0	.0	NA	30.1	.5	3.1	102.2	.0	2.7	.0	0	.0	4.3	.0	.0
1991	192.8	0	29.4	.0	NA	32.1	.2	3.5	108.7	.0	12.5	0	0	.0	6.4	.0	0
1992	159.2	.0	28.2	.0	NA	36.5	.0	4.0	69.3	.0	12.1	.0	0	0	7.7	0	1.5
1993	66.1	**	15.0	**	NA	4.0	0	1.9	26.6	.0	7.8	.0	0	.0	9.8	.0	.8

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-93

[Dollars in millions]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Other S&E activities																
1963	393.1	63.4	0.3	0	NA	NA	5.3	NA	208.9	NA	**	NA	NA	14.1	101.1	NA	NA
1964	452.2	67.5	.5	0	NA	NA	5.4	NA	244.6	NA	**	NA	NA	20.2	113.9	NA	NA
1965	595.0	73.3	.6	0	NA	NA	5.9	NA	359.8	NA	**	NA	NA	25.4	130.1	NA	NA
1966	431.0	76.1	.7	0	NA	NA	3.1	NA	263.4	NA	0.2	NA	NA	2.3	85.2	NA	NA
1967	464.0	78.8	.7	0	NA	NA	2.5	NA	256.7	NA	**	NA	NA	2.4	122.8	NA	NA
1968	414.5	80.1	1.0	.0	.0	NA	2.5	NA	186.4	0.7	.4	NA	.0	2.8	140.5	NA	**
1969	395.9	91.1	.5	**	.0	NA	1.0	NA	198.4	.1	.9	.0	.0	3.7	100.2	NA	NA
1970	266.8	113.5	.7	**	.0	NA	1.0	NA	32.2	.0	.6	.0	.0	1.7	117.0	NA	.0
1971	212.4	139.5	.5	0	0	NA	.3	.0	15.9	.0	.0	2.0	0.1	4.2	49.9	NA	.0
1972	211.6	149.5	.6	0	0	NA	.5	0	8.6	.0	.0	.0	0	4.9	47.5	NA	0
1973	210.8	163.0	2.7	.0	0	NA	.8	0	8.0	.0	.0	0	.4	4.5	31.4	NA	0
1974	205.7	164.0	2.2	.0	.0	NA	.2	0	5.7	.0	0	0	.0	5.7	27.9	NA	.0
1975	262.3	180.2	1.7	.0	NA	NA	.1	0	15.3	.0	.0	0	**	6.4	58.6	**	.0
1976	252.2	204.4	3.6	0	NA	NA	.3	0	17.1	.0	.1	.0	.0	10.7	16.0	0	.0
1977	248.0	201.0	.3	0	NA	NA	.3	.0	15.4	.0	.3	0	.0	5.9	24.9	0	0
1978	254.5	216.4	.9	0	NA	NA	.3	0	4.1	.0	0	2.6	0	4.4	25.6	0	0.2
1979	263.0	224.0	1.5	0	NA	NA	3.0	0.1	6.9	.0	0	0	.0	4.7	22.4	0.4	0
1980	287.2	232.3	1.2	0	NA	0	2.8	.0	3.4	.0	.0	0	.0	6.9	40.2	.5	0
1981	321.5	250.0	.7	17.1	NA	0	7.9	**	5.3	.0	**	0	.0	5.7	34.4	4	**
1982	336.4	273.2	.8	38.2	NA	0	3.1	.2	3.6	**	.0	0	.0	4.8	12.4	0	0
1983	331.8	282.3	.6	22.9	NA	0	**	.5	2.8	**	**	0	.0	7.8	14.8	0	0
1984	500.1	324.7	8.2	122.8	NA	0	.7	**	3.5	.0	.0	0	**	7.1	33.0	0	0
1985	520.5	335.7	1.4	149.5	NA	0	.1	.0	6.5	.0	.0	0	**	7.9	19.0	3	**
1986	506.0	316.8	.8	148.5	NA	0	**	.0	9.1	.0	.0	0	.0	7.9	22.9	0	**
1987	554.8	308.6	.6	171.4	NA	21.4	0	1.1	10.3	0	0	0	0	6.9	32.7	0	1.8
1988	719.6	347.9	.5	179.3	NA	116.4	0	0	9.6	0	0	0	0	7.8	55.3	0	2.9
1989	759.9	349.9	3.8	206.1	NA	96.6	1	0	16.5	0	.0	0	0	12.0	71.8	0	3.1
1990	755.5	360.0	6.8	145.2	NA	130.4	0	.0	19.2	0	0	0	0	17.5	73.0	0	3.3
1991	957.4	389.4	21.8	200.2	NA	171.6	0	1	16.6	0	1	.0	0	22.1	132.1	0	3.5
1992	968.0	408.0	22.9	192.6	NA	197.0	0	1	19.2	0	0	0	0	32.7	87.2	0	8.3
1993	902.0	412.5	29.9	244.9	NA	0	0	1	40.5	0	0	0	0	54.0	111.2	0	9.0

[1] See Technical Notes, "Scope of Survey."

[2] Data shown for fiscal years 1963-74 and fiscal years 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

[3] Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

[4] Data collected before this year are not separately identified but are included under "Other S&E activities."

NOTE: Some trend shifts are related to institutional reclassification. As of 1978 two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-93 but are excluded for prior years. Similarly, Draper Laboratores separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution; academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-93 do not.

KEY:
AID = Agency for International Development
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
DOT = Department of Transportation
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of the Interior
NA = Not available
NASA = National Aeronautics and Space Administration
NRC = Nuclear Regulatory Commission
NSF = National Science Foundation
OEO = Office of Economic Opportunity
USDA = U.S. Department of Agriculture
** = Amount less than $50,000

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993.

Table B-3. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1986-93

[Dollars in thousands]

Geographic division and State	1986	1987	1988	1989	1990	1991	1992	1993
United States, total	6,456,743	7,241,001	7,719,162	8,522,555	9,005,771	10,027,270	10,859,207	10,940,124
New England, total	757,600	819,318	840,017	941,872	971,467	1,055,261	1,133,513	1,164,002
Connecticut	146,545	174,433	175,972	188,744	189,462	198,672	220,981	216,542
Maine	6,449	8,518	6,618	9,090	10,152	9,740	10,363	13,572
Massachusetts	508,166	536,955	545,068	629,070	635,952	698,233	750,045	782,288
New Hampshire	30,564	34,573	36,766	37,007	52,386	55,501	62,852	62,959
Rhode Island	43,646	40,731	47,349	49,525	51,828	55,243	56,281	52,785
Vermont	22,230	24,108	28,244	28,436	31,687	37,872	32,991	35,856
Middle Atlantic, total	1,131,083	1,268,422	1,352,552	1,449,106	1,527,674	1,718,740	1,811,457	1,836,838
New Jersey	86,000	97,785	104,853	120,932	139,264	150,569	162,478	187,236
New York	671,899	752,897	795,186	843,497	851,970	917,093	977,850	941,509
Pennsylvania	373,184	417,740	452,513	484,677	536,440	651,078	671,129	708,093
East North Central, total	873,105	980,913	1,017,478	1,138,247	1,195,813	1,342,300	1,453,857	1,486,387
Illinois	262,640	297,266	301,297	324,405	335,877	362,336	376,199	402,096
Indiana	100,144	111,184	111,779	131,315	137,754	155,882	178,443	172,670
Michigan	183,814	213,474	233,121	259,265	274,026	313,736	358,620	368,972
Ohio	179,050	199,011	210,593	238,131	250,885	291,113	305,189	307,347
Wisconsin	147,457	159,978	160,688	185,131	197,271	219,233	235,406	235,302
West North Central, total	360,139	410,069	428,857	472,065	519,933	598,788	642,100	635,670
Iowa	74,279	81,722	89,074	103,214	106,735	124,814	128,927	132,338
Kansas	33,239	35,863	37,228	39,105	44,005	50,895	59,542	62,468
Minnesota	102,293	121,588	123,621	133,439	141,711	172,991	179,822	171,428
Missouri	111,289	129,483	137,276	150,269	169,883	181,893	204,247	197,385
Nebraska	24,524	28,464	25,763	27,462	29,379	42,824	40,864	41,077
North Dakota	9,479	8,109	11,044	11,715	22,429	18,666	21,393	20,995
South Dakota	5,036	4,840	4,851	6,861	5,791	6,705	7,305	9,979
South Atlantic, total	1,067,279	1,218,784	1,387,350	1,480,512	1,578,357	1,756,029	1,913,703	1,942,988
Delaware	12,863	12,067	15,261	16,333	17,922	19,688	26,712	24,421
District of Columbia	49,955	61,057	72,668	71,761	78,658	91,879	87,079	109,857
Florida	121,231	148,757	185,626	196,397	180,487	217,377	242,438	230,017
Georgia	128,772	145,144	168,371	183,963	176,210	193,805	217,915	207,633
Maryland	415,943	460,057	522,341	514,747	588,465	622,221	670,737	687,277
North Carolina	194,999	228,096	246,688	287,838	305,690	340,513	384,413	385,188
South Carolina	32,726	33,516	35,595	38,927	42,668	54,996	60,296	56,957
Virginia	101,082	118,161	126,596	155,454	166,017	181,839	195,471	200,585
West Virginia	9,708	11,929	14,204	15,092	22,240	33,711	28,642	41,053
East South Central, total	219,146	270,537	290,579	312,589	337,519	393,861	424,616	423,725
Alabama	79,921	100,553	106,502	123,373	129,563	155,818	165,504	160,742
Kentucky	27,974	30,721	31,965	37,620	38,098	46,190	56,160	58,818
Mississippi	22,979	31,825	37,891	36,227	36,134	42,970	43,614	51,309
Tennessee	88,272	107,438	114,221	115,369	133,724	148,883	159,338	152,856
West South Central, total	434,494	485,424	517,088	590,849	593,853	677,292	780,022	780,203
Arkansas	14,527	15,487	15,599	19,643	23,537	25,785	29,492	32,467
Louisiana	47,715	59,619	61,456	100,418	88,774	101,680	105,391	96,200
Oklahoma	29,468	32,215	25,495	30,968	35,607	33,148	53,102	45,077
Texas	342,784	378,103	414,538	439,820	465,935	516,679	592,037	606,459
Mountain, total	366,578	392,342	412,334	480,246	533,676	590,747	643,843	671,285
Arizona	65,808	80,345	83,490	103,319	115,683	126,362	137,154	144,422
Colorado	108,473	129,826	145,900	147,301	168,905	185,613	213,474	208,487
Idaho	5,296	6,998	8,647	10,424	10,381	13,694	14,904	16,545
Montana	8,015	8,766	8,554	10,414	13,041	16,216	18,824	24,358
Nevada	10,895	14,955	13,856	16,188	23,022	21,909	25,062	24,865
New Mexico	79,466	55,058	56,163	74,134	70,006	86,483	88,916	112,115
Utah	81,627	86,950	86,648	108,117	122,907	129,584	132,803	123,154
Wyoming	6,998	9,444	9,076	10,349	9,731	10,886	12,706	17,339

See explanatory information, if any, and SOURCE at end of table.

Table B-3. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1986-93

[Dollars in thousands]

Geographic division and State	1986	1987	1988	1989	1990	1991	1992	1993
Pacific, total	1,234,207	1,379,461	1,457,359	1,637,196	1,725,685	1,868,719	2,026,715	1,969,861
Alaska	14,645	15,373	15,928	15,111	25,060	25,441	27,805	34,217
California	953,989	1,057,440	1,109,851	1,258,906	1,316,685	1,398,653	1,547,289	1,466,549
Hawaii	29,196	39,410	39,651	47,913	48,231	47,291	49,740	53,488
Oregon	71,764	84,038	91,133	90,801	95,927	124,579	123,692	130,083
Washington	164,613	183,200	200,796	224,465	239,782	272,755	278,189	285,524
Outlying Areas, total	13,112	15,731	15,548	19,873	21,794	25,533	29,381	29,165
Guam	1,165	1,107	1,096	1,193	1,320	1,325	1,656	1,438
Puerto Rico	10,268	12,678	12,354	16,561	18,000	21,650	25,099	24,864
American Samoa	290	340	365	290	592	657	680	679
Virgin Islands	916	1,026	1,091	1,052	1,053	1,048	1,167	1,210
Trust Territory Pacific Islands	473	580	642	777	829	853	779	974

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-4. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
Total, all institutions	6,456,743	7,241,001	7,719,162	8,522,555	9,005,771	10,027,270	10,859,207	10,940,124
1 Johns Hopkins University[1]	331,317	374,656	431,593	411,879	469,544	490,893	534,128	543,873
2 MA Inst of Technology	188,120	188,430	187,558	207,157	218,283	232,619	249,852	251,845
3 Stanford University	180,186	201,049	210,572	239,847	247,992	237,842	246,589	249,575
4 University of Washington	146,718	164,985	181,301	203,691	217,214	245,288	245,428	246,013
5 University of Michigan	111,232	134,933	148,446	167,865	176,370	193,954	210,000	214,612
6 U CA San Diego	133,243	151,768	139,149	166,543	164,774	183,659	202,477	204,063
7 U CA Los Angeles	125,483	148,575	154,964	170,839	176,735	194,359	202,754	195,788
8 Columbia U City New York	127,131	130,724	139,108	150,263	153,171	168,861	190,483	194,910
9 U WI Madison	120,626	134,135	131,186	150,474	155,175	179,079	192,414	190,469
10 University of PA	103,584	109,531	120,029	132,805	142,509	169,352	178,002	186,002
Total 1st 10 institutions	1,567,640	1,738,786	1,843,906	2,001,363	2,121,767	2,295,906	2,452,127	2,477,150
11 U CA San Francisco	104,453	124,811	147,553	159,027	167,270	178,698	195,156	175,388
12 Cornell University	112,707	128,750	134,493	139,954	144,749	156,151	162,331	174,226
13 Pennsylvania State U	87,041	94,572	105,443	119,435	136,438	144,400	148,172	173,070
14 Harvard University	110,356	123,301	125,242	141,760	148,055	161,719	176,967	169,173
15 Yale University	111,687	132,909	135,421	146,245	142,483	152,513	172,304	169,151
16 University of Minnesota	100,898	119,746	119,831	128,727	137,458	168,854	177,182	168,675
17 University of Colorado	73,630	87,999	105,772	101,345	116,449	128,783	147,935	145,497
18 Duke University	70,034	84,622	92,763	108,611	116,109	128,098	139,864	138,839
19 University of Pittsburgh	59,373	72,236	79,380	91,152	114,344	147,757	164,183	136,780
20 U CA Berkeley	96,834	96,748	106,844	131,070	121,674	135,393	154,708	133,232
Total 1st 20 institutions	2,494,653	2,804,480	2,996,648	3,268,689	3,466,796	3,798,272	4,090,929	4,061,181
21 Washington University	72,750	89,055	95,368	102,974	117,907	125,282	134,336	133,210
22 U NC Chapel Hill	70,526	81,473	84,918	95,025	100,183	111,501	130,144	129,071
23 U Southern California	97,292	104,295	99,399	114,766	122,705	133,074	141,449	125,297
24 U TX Austin	74,028	76,495	84,400	84,619	91,843	95,063	110,616	117,225
25 U IL Urbana Champaign	88,986	96,769	95,748	100,062	99,742	110,509	111,615	116,116
26 University of Arizona	51,123	64,351	65,258	82,913	92,824	95,206	106,229	107,819
27 Boston University	48,518	53,381	53,930	60,029	59,380	67,153	79,255	102,642
28 University of Chicago	71,535	82,769	84,668	90,611	88,486	97,949	98,668	99,378
29 University of Rochester	71,521	85,674	94,885	98,550	102,453	103,510	103,020	98,935
30 U Alabama Birmingham	45,856	62,240	59,933	70,702	74,529	90,355	94,055	90,737
Total 1st 30 institutions	3,186,788	3,600,982	3,815,155	4,168,940	4,416,848	4,827,874	5,200,316	5,181,611
31 Case Western Reserve U	49,331	56,774	62,989	69,589	71,256	87,747	88,518	89,608
32 Baylor Col of Medicine	47,022	56,255	63,117	69,499	72,260	82,849	84,947	88,276
33 University of Iowa	52,226	63,479	72,309	76,059	76,762	85,113	92,133	87,875
34 California Inst of Tech	59,707	57,122	65,982	69,335	69,228	80,585	97,956	87,702
35 U CA Davis	43,618	50,289	55,239	60,100	68,859	79,199	90,500	84,495
36 Ohio State University	58,078	64,624	62,946	72,702	80,066	82,106	90,377	84,121
37 Northwestern University	43,609	53,061	53,105	57,494	61,100	67,725	81,553	82,636
38 Vanderbilt University	43,990	54,653	58,389	63,978	70,585	76,443	84,390	82,091
39 Indiana University	41,879	50,005	52,664	55,449	61,435	69,205	88,348	81,374
40 University of Virginia	39,136	44,831	46,045	51,990	60,796	66,916	77,182	79,221
Total 1st 40 institutions	3,665,384	4,152,075	4,407,940	4,815,135	5,109,195	5,605,762	6,076,220	6,029,010
41 New York University	68,372	75,966	79,516	77,761	75,749	86,150	96,349	77,694
42 University of Utah	55,290	56,590	56,686	61,361	65,250	71,966	76,441	77,407
43 University of Florida	48,911	52,888	55,748	58,696	55,498	63,270	92,533	77,341
44 U MD College Park	53,906	48,728	54,580	60,252	64,723	72,115	71,868	76,300
45 Purdue University	46,827	46,227	45,907	62,751	62,572	64,543	71,298	74,920
46 Carnegie Mellon U	59,854	69,454	74,577	57,605	50,025	50,167	63,586	73,474
47 Rutgers the St U of NJ	23,092	25,650	28,645	36,241	44,642	45,852	57,574	70,059
48 Michigan State University	48,740	48,797	50,891	54,382	56,619	62,793	70,464	67,666
49 University of Miami	37,618	49,547	58,241	60,135	63,707	68,511	71,329	67,315
50 Texas A&M University	35,891	38,083	43,216	44,928	47,221	52,367	58,778	65,174
Total 1st 50 institutions	4,143,885	4,664,005	4,955,947	5,389,247	5,695,201	6,243,496	6,806,440	6,756,360

See explanatory information, if any, and SOURCE at end of table.

Table B-4. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
51 Yeshiva University NY	58,518	65,028	67,096	68,553	67,045	72,115	73,413	64,627
52 Emory University	30,981	47,294	50,889	45,840	49,581	57,385	65,424	64,526
53 U CA Irvine	33,607	39,384	40,947	47,303	53,429	51,046	63,114	61,567
54 Woods Hole Oceangraphic	36,300	34,711	35,285	67,289	50,751	50,891	72,601	61,399
55 U TX SW Med Ctr Dallas	40,330	45,994	46,645	48,591	50,504	55,878	60,673	61,269
56 Princeton University	42,674	44,286	45,365	47,037	50,474	51,233	55,524	59,871
57 SUNY at Stony Brook	36,102	38,014	41,905	41,251	45,868	50,403	57,915	58,590
58 Louisiana State U	31,510	36,501	38,882	39,088	40,886	55,952	46,206	58,197
59 Georgetown University	15,023	20,046	25,230	24,728	28,740	37,668	36,514	56,523
60 University of New Mexico	34,947	25,078	20,136	24,835	20,132	32,446	38,624	55,827
Total 1st 60 institutions	4,503,877	5,060,341	5,368,327	5,843,762	6,152,611	6,758,513	7,376,448	7,358,756
61 U IL Chicago	31,970	36,434	39,779	43,271	42,293	46,517	47,144	55,202
62 Oregon State University	37,097	40,059	40,988	42,562	44,473	51,297	52,253	53,999
63 University of Cincinnati	29,770	34,648	37,430	40,996	38,364	51,490	53,039	51,936
64 University of Georgia	32,267	33,489	37,190	45,627	39,759	42,455	46,752	51,903
65 U CA Santa Barbara	28,880	27,322	31,878	37,444	41,661	44,469	49,055	51,459
66 Georgia Institute of Tech	46,549	45,145	55,472	60,934	54,250	56,008	45,833	50,805
67 NC State U Raleigh	27,482	30,195	31,743	43,466	43,900	43,697	55,126	50,661
68 U MD Baltimore	24,574	28,278	31,322	34,648	41,100	48,125	51,943	49,992
69 New Mexico State U	39,297	25,072	33,214	44,210	45,177	48,578	42,619	47,265
70 University of Kentucky	22,394	23,826	24,401	28,829	29,288	35,914	45,219	46,594
Total 1st 70 institutions	4,824,157	5,384,809	5,731,744	6,265,749	6,572,876	7,227,063	7,865,431	7,868,572
71 Colorado State University	27,303	31,492	32,164	36,120	40,820	43,671	50,486	46,360
72 Tufts University	37,242	36,241	35,341	38,566	39,142	41,585	44,355	45,015
73 U TX Hlth Sci Ctr S Anto	21,504	26,725	28,017	31,534	33,306	36,999	44,186	44,987
74 U Hawaii Manoa	27,758	29,154	33,044	36,693	40,049	38,814	41,139	44,660
75 CUNY Mt Sinai Schl of Med	28,963	34,851	35,220	40,873	43,954	50,037	51,178	43,638
76 University of Connecticut	32,604	38,806	38,167	39,761	43,589	42,860	43,477	42,992
77 U TX MD Anderson Cancer	20,576	26,134	28,408	27,772	30,650	34,693	40,442	42,602
78 U Med & Dent of NJ	15,223	22,239	25,647	32,369	38,066	41,465	41,046	41,788
79 Iowa State University	21,207	17,379	15,955	25,987	28,915	34,028	34,054	41,468
80 Dartmouth College	19,306	21,489	24,095	24,065	31,409	36,042	40,035	41,349
Total 1st 80 institutions	5,075,843	5,669,319	6,027,802	6,599,489	6,942,776	7,627,257	8,295,829	8,303,431
81 Virginia Commonwealth U	26,598	31,477	32,413	42,684	42,678	46,324	45,448	40,568
82 Wayne State University	15,015	19,603	24,680	26,945	27,689	33,280	40,171	40,172
83 Utah State University	21,812	25,170	26,696	43,219	52,740	52,338	50,608	38,841
84 Thomas Jefferson U	11,115	15,076	17,529	19,583	22,195	26,068	33,405	38,180
85 Oregon Hlth Sciences U	14,064	17,884	20,670	23,231	25,344	43,481	35,293	37,898
86 Wake Forest University	17,480	21,100	27,572	27,314	29,019	35,224	36,901	37,768
87 U TX Hlth Sci Ctr Houstn	22,588	28,148	27,547	28,591	29,943	33,381	35,209	37,465
88 University of Dayton	22,612	19,944	20,639	21,576	23,852	23,809	28,517	37,065
89 VA Polytech Inst & St U	23,363	23,588	27,265	34,585	32,239	32,454	35,678	36,841
90 West Virginia U Morgantwn	8,477	10,529	12,491	13,166	19,194	29,914	24,797	35,439
Total 1st 90 institutions	5,258,967	5,881,838	6,265,304	6,880,383	7,247,669	7,983,530	8,661,856	8,683,668
91 U MA Amherst	0	0	0	0	0	0	31,311	35,227
92 Rockefeller University	33,940	37,051	37,317	35,586	35,423	39,718	37,512	35,184
93 U MA Worcester	0	0	0	0	0	0	37,937	34,574
94 Brown University	29,987	27,710	31,367	33,000	33,342	36,015	35,819	34,483
95 University of Vermont	21,967	23,922	27,914	28,157	31,402	37,294	32,272	33,915
96 University of Kansas	20,183	22,988	23,179	23,380	27,212	28,341	34,480	33,522
97 U Alaska Fairbanks	11,136	13,819	14,167	14,152	21,754	22,165	26,614	31,738
98 SUNY at Buffalo	22,668	27,255	29,884	33,934	36,291	39,895	40,287	31,355
99 Washington State U	17,041	16,444	18,427	19,172	20,399	25,508	28,915	29,541
100 U Tennessee Knoxville	0	0	0	0	0	0	29,584	28,833
Total 1st 100 institutions	5,415,889	6,051,027	6,447,559	7,067,764	7,453,492	8,212,466	8,996,587	9,012,040

[1] See Technical Notes, "Scope of Survey."

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-5. Federal science and engineering (S&E) obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	12,724,675	940,548	109,822	1,833,939	156,435	716,160	152,692	6,023,063	77,685	737,123	1,858,374	118,834
New England, total	1,297,735	52,857	19,738	205,046	9,902	107,374	16,564	601,477	3,544	68,038	207,436	5,759
Connecticut	250,100	6,547	5,379	10,635	2,228	23,283	1,764	178,156	101	1,824	20,017	166
Maine	21,668	8,298	4,623	348	837	1,420	1,544	823	380	175	3,120	100
Massachusetts	854,337	22,288	6,116	180,079	5,843	78,041	9,688	341,260	1,802	50,898	153,133	5,189
New Hampshire	69,368	4,798	943	3,551	428	1,569	1,310	35,630	289	11,423	9,308	119
Rhode Island	61,632	3,883	2,677	10,137	299	2,522	1,354	17,284	657	3,482	19,316	21
Vermont	40,630	7,043	0	296	267	539	904	28,324	315	236	2,542	164
Middle Atlantic, total	2,070,291	67,170	4,101	280,098	20,015	141,337	23,234	1,122,151	6,875	56,205	329,255	19,850
New Jersey	220,654	11,813	1,912	35,801	2,543	21,778	6,087	82,199	291	6,867	43,230	8,133
New York	1,063,118	29,393	1,704	67,995	5,689	83,813	14,054	633,843	1,950	27,543	192,789	4,345
Pennsylvania	786,519	25,964	485	176,302	11,783	35,746	3,093	406,109	4,634	21,795	93,236	7,372
East North Central, total	1,705,766	138,589	9,199	148,626	25,811	97,844	19,078	821,792	2,813	93,911	331,973	16,130
Illinois	457,096	23,930	2,260	36,086	9,802	23,521	775	218,698	455	12,392	125,812	3,365
Indiana	206,961	24,638	749	12,713	1,641	29,288	684	82,660	465	4,678	47,381	2,064
Michigan	426,747	41,602	838	27,340	5,719	16,097	8,568	208,586	507	40,338	73,146	4,006
Ohio	349,018	23,843	1,734	60,484	5,091	6,856	6,767	174,500	667	23,983	39,569	5,524
Wisconsin	265,944	24,576	3,618	12,003	3,558	22,082	2,284	137,348	719	12,520	46,065	1,171
West North Central, total	761,185	134,118	1,185	40,841	14,005	27,935	8,792	405,370	4,918	20,556	89,555	13,910
Iowa	154,487	27,778	647	5,515	2,789	6,958	1,837	80,327	429	7,125	14,501	6,581
Kansas	74,904	15,147	0	9,929	2,296	3,786	2,060	27,380	457	2,434	10,278	1,137
Minnesota	198,574	22,099	293	15,821	5,069	6,310	2,438	107,921	917	3,890	32,807	1,009
Missouri	228,773	25,372	245	6,617	3,109	4,435	276	164,591	2,039	4,850	17,133	106
Nebraska	50,555	16,335	0	1,308	235	1,016	432	20,053	265	1,099	9,693	119
North Dakota	37,358	18,898	0	1,353	448	5,409	1,600	3,270	268	260	1,012	4,840
South Dakota	16,534	8,489	0	298	59	21	149	1,828	543	898	4,131	118
South Atlantic, total	2,382,540	158,084	24,943	634,170	28,331	93,530	33,618	995,542	10,611	142,335	223,958	37,418
Delaware	31,341	5,657	1,649	5,452	2,490	1,193	559	3,131	126	1,408	9,149	527
District of Columbia	124,045	1,933	499	28,889	3,746	871	398	54,408	117	8,297	10,957	13,930
Florida	277,287	21,679	3,750	35,589	6,156	13,343	3,535	115,435	1,714	20,763	50,095	5,228
Georgia	255,855	28,898	1,746	50,665	3,349	30,935	5,116	102,280	263	13,846	16,049	2,708
Maryland	862,167	14,419	5,673	447,185	3,551	14,498	5,123	298,245	216	29,418	42,677	1,162
North Carolina	445,878	37,674	8,188	24,272	6,780	10,061	12,899	284,344	1,558	7,547	47,363	5,192
South Carolina	72,275	16,889	556	6,492	1,300	7,919	439	26,517	1,010	1,529	9,181	443
Virginia	233,502	21,251	2,799	24,657	749	7,518	2,049	102,299	3,191	25,358	35,554	8,077
West Virginia	80,190	9,684	83	10,969	210	7,192	3,500	8,883	2,416	34,169	2,933	151
East South Central, total	528,684	101,343	572	35,575	8,772	38,757	3,437	252,123	5,359	34,374	45,799	2,573
Alabama	198,278	25,025	358	16,410	3,051	12,848	1,514	95,744	1,876	25,882	14,714	856
Kentucky	77,019	23,332	56	1,412	1,146	5,408	776	35,014	240	906	8,365	364
Mississippi	71,937	29,448	43	6,295	2,210	7,347	427	12,594	1,728	2,050	9,631	164
Tennessee	181,450	23,538	115	11,458	2,365	13,154	720	108,771	1,515	5,536	13,089	1,189
West South Central, total	937,049	107,297	5,712	143,622	11,415	53,666	16,860	434,963	6,328	51,147	97,474	8,565
Arkansas	50,810	22,514	0	4,341	2,949	284	158	14,182	676	479	4,063	1,164
Louisiana	124,343	17,271	1,215	17,899	1,315	18,518	4,771	46,945	3,652	2,376	7,695	2,686
Oklahoma	65,831	16,876	1,511	5,287	914	6,626	1,321	15,702	327	7,720	8,777	770
Texas	696,065	50,636	2,986	116,095	6,237	28,238	10,610	358,134	1,673	40,572	76,939	3,945

See explanatory information, if any, and SOURCE at end of table.

Table B-5. Federal science and engineering (S&E) obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, total	751,241	65,461	15,013	117,663	9,915	33,016	15,545	259,220	17,152	79,305	132,526	6,425
Arizona	159,687	9,282	251	14,534	2,998	4,840	2,171	59,353	2,466	24,573	38,148	1,071
Colorado	230,680	13,119	12,684	14,747	3,124	9,169	3,342	110,109	3,369	22,262	38,429	326
Idaho	21,557	10,618	32	492	455	572	663	2,005	2,399	311	3,747	263
Montana	30,352	9,526	0	929	804	936	487	3,910	1,049	1,122	11,468	121
Nevada	29,709	3,691	1,661	685	348	3,843	6,104	7,139	1,635	746	3,694	163
New Mexico	124,873	7,174	59	50,209	1,158	7,898	205	17,642	1,094	25,922	13,115	397
Utah	133,828	6,866	326	34,526	820	4,727	2,053	57,704	3,983	3,821	18,686	316
Wyoming	20,555	5,185	0	1,541	208	1,031	520	1,358	1,157	548	5,239	3,768
Pacific, total	2,240,748	95,891	28,639	226,381	27,806	122,675	15,353	1,115,234	19,682	190,265	390,766	8,056
Alaska	46,562	3,305	3,028	1,061	200	552	514	1,992	2,291	20,061	13,556	2
California	1,638,009	37,380	12,362	169,758	18,716	87,445	10,025	853,162	9,143	146,857	288,481	4,680
Hawaii	67,140	11,860	5,686	3,615	2,231	2,711	35	14,990	2,613	9,308	13,581	510
Oregon	159,513	21,178	2,441	13,460	5,647	15,075	3,398	63,282	3,585	3,835	26,929	683
Washington	329,524	22,168	5,122	38,487	1,012	16,892	1,381	181,808	2,050	10,204	48,219	2,181
Outlying Areas, total	49,436	19,738	720	1,917	463	26	211	15,191	403	987	9,632	148
Guam	3,334	2,199	0	33	0	0	0	766	201	0	135	0
Puerto Rico	39,650	12,253	720	1,884	463	26	211	13,366	101	987	9,497	142
American Samoa	1,233	1,233	0	0	0	0	0	0	0	0	0	0
Virgin Islands	2,972	1,952	0	0	0	0	0	913	101	0	0	6
Trust Territory Pacific Islands	2,247	2,101	0	0	0	0	0	146	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-6. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	524,786	10,469	2,070	2,158	57,661	13,813	8,124	335,017	0	42,116	47,081	6,277
New England, total	54,983	156	439	361	3,105	97	0	38,517	0	2,470	9,273	565
Connecticut	11,486	48	429	0	308	39	0	9,497	0	295	870	0
Maine	422	0	0	0	208	0	0	92	0	0	22	100
Massachusetts	37,588	108	10	361	2,072	39	0	25,391	0	1,263	7,955	389
New Hampshire	2,197	0	0	0	238	0	0	1,522	0	349	87	1
Rhode Island	2,059	0	0	0	275	19	0	1,037	0	390	317	21
Vermont	1,231	0	0	0	4	0	0	978	0	173	22	54
Middle Atlantic, total	71,837	532	195	9	6,208	94	867	53,908	0	2,788	5,905	1,331
New Jersey	7,577	108	0	4	215	38	712	4,211	0	424	1,280	585
New York	41,219	316	129	3	4,006	36	155	31,931	0	1,362	2,978	303
Pennsylvania	23,041	108	66	2	1,987	20	0	17,766	0	1,002	1,647	443
East North Central, total	64,922	831	109	210	7,367	156	1,639	43,245	0	3,353	7,734	278
Illinois	22,330	234	0	0	4,361	40	111	13,318	0	1,017	3,122	127
Indiana	5,389	130	0	0	1,130	0	6	3,034	0	429	660	0
Michigan	17,154	287	0	5	1,531	39	931	11,737	0	475	2,026	123
Ohio	10,262	0	0	205	316	39	591	7,357	0	1,093	633	28
Wisconsin	9,787	180	109	0	29	38	0	7,799	0	339	1,293	0
West North Central, total	34,471	1,035	0	4	3,807	95	268	25,662	0	2,144	1,026	430
Iowa	7,119	292	0	0	1,202	0	0	4,657	0	672	126	170
Kansas	1,792	0	0	0	173	17	0	1,166	0	371	65	0
Minnesota	8,439	390	0	4	935	38	268	5,780	0	318	556	150
Missouri	13,906	137	0	0	1,169	0	0	12,151	0	214	235	0
Nebraska	929	216	0	0	12	0	0	468	0	211	22	0
North Dakota	1,564	0	0	0	312	19	0	950	0	173	0	110
South Dakota	722	0	0	0	4	21	0	490	0	185	22	0
South Atlantic, total	99,922	2,521	446	1,516	9,620	12,894	3,449	52,681	0	11,942	3,217	1,636
Delaware	979	284	0	0	131	19	0	99	0	274	151	21
District of Columbia	4,803	0	33	795	1,846	0	0	1,389	0	497	22	221
Florida	13,809	664	70	5	3,140	18	203	6,549	0	2,626	349	185
Georgia	20,734	0	4	0	525	12,837	0	4,753	0	2,333	208	74
Maryland	21,086	424	116	479	1,012	0	90	16,041	0	1,809	657	458
North Carolina	23,066	1,020	207	78	2,388	0	1,992	14,846	0	760	1,309	466
South Carolina	2,251	0	0	0	525	0	39	1,203	0	278	106	100
Virginia	11,645	129	16	159	53	20	125	7,576	0	3,071	415	81
West Virginia	1,549	0	0	0	0	0	1,000	225	0	294	0	30
East South Central, total	25,935	2,272	2	2	4,038	60	374	14,919	0	3,596	270	402
Alabama	8,808	806	2	0	1,178	40	72	4,326	0	2,226	117	41
Kentucky	3,301	254	0	0	1,146	0	0	1,510	0	208	41	142
Mississippi	3,218	873	0	2	651	20	150	926	0	546	0	50
Tennessee	10,608	339	0	0	1,063	0	152	8,157	0	616	112	169
West South Central, total	34,848	1,910	133	4	6,788	114	838	18,959	0	4,053	1,286	763
Arkansas	3,346	343	0	0	1,335	20	0	1,239	0	217	22	170
Louisiana	5,102	417	44	0	877	17	0	2,804	0	870	0	73
Oklahoma	2,106	670	65	0	12	19	230	827	0	239	44	0
Texas	24,294	480	24	4	4,564	58	608	14,089	0	2,727	1,220	520

See explanatory information, if any, and SOURCE at end of table.

Table B-6. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, total	28,433	371	680	0	5,561	143	536	14,457	0	4,870	1,764	51
Arizona	7,271	0	0	0	1,740	0	81	3,725	0	920	754	51
Colorado	11,767	173	680	0	2,080	50	402	6,385	0	1,515	482	0
Idaho	562	0	0	0	255	38	0	16	0	253	0	0
Montana	932	0	0	0	109	0	30	489	0	239	65	0
Nevada	1,390	0	0	0	348	18	20	809	0	173	22	0
New Mexico	3,921	130	0	0	957	19	3	1,395	0	1,227	190	0
Utah	2,290	68	0	0	64	18	0	1,589	0	370	181	0
Wyoming	300	0	0	0	8	0	0	49	0	173	70	0
Pacific, total	107,864	841	51	52	11,167	160	153	71,717	0	6,296	16,606	821
Alaska	261	0	0	0	0	0	0	66	0	195	0	0
California	82,698	495	10	52	8,174	78	0	53,241	0	4,612	15,428	608
Hawaii	1,660	0	0	0	564	0	0	544	0	465	87	0
Oregon	8,751	346	0	0	2,396	19	75	5,542	0	236	114	23
Washington	14,494	0	41	0	33	63	78	12,324	0	788	977	190
Outlying Areas, total	1,571	0	15	0	0	0	0	952	0	604	0	0
Puerto Rico	1,433	0	15	0	0	0	0	814	0	604	0	0
Virgin Islands	138	0	0	0	0	0	0	138	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-7. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	12,724,675	940,548	109,822	1,833,939	156,435	716,160	152,692	6,023,063	737,123	1,858,374	196,519
1 Johns Hopkins University	701,097	170	260	430,903	2,808	5,487	377	238,017	10,169	12,792	114
2 University of Washington	279,832	5,433	4,892	35,291	678	13,980	933	166,023	9,542	40,205	2,855
3 MA Inst of Technology	276,265	597	4,258	61,801	347	62,721	1,926	56,324	39,100	46,160	3,031
4 Stanford University	268,673	90	50	36,726	90	7,340	5,003	130,382	55,345	31,738	1,909
5 University of Michigan	233,908	580	774	20,221	235	8,748	4,552	147,507	11,366	36,003	3,922
6 U CA San Diego	217,412	1,150	75	24,127	8	10,523	0	122,470	16,756	38,663	3,640
7 Cornell University	216,602	26,725	108	17,656	0	4,727	245	83,193	8,133	74,806	1,009
8 U WI Madison	216,148	23,758	276	10,861	3,129	20,698	1,172	102,484	11,101	42,039	630
9 Pennsylvania State U	210,865	24,377	115	97,443	1,372	5,866	1,300	38,867	13,664	19,055	8,806
10 U CA Los Angeles	207,871	363	0	14,172	2,956	21,835	360	139,175	9,116	19,413	481
Total 1st 10 institutions	2,828,673	83,243	10,808	749,201	11,623	161,925	15,868	1,224,442	184,292	360,874	26,397
11 Columbia U City New York	205,791	10	1,405	9,272	8	15,794	10,091	128,901	6,666	32,750	894
12 University of PA	200,642	697	248	21,921	2,976	7,217	75	147,640	387	19,474	7
13 University of Minnesota	194,575	21,943	154	15,600	4,833	6,291	2,438	107,405	3,825	30,160	1,926
14 Harvard University	187,932	127	0	10,064	86	5,532	2,509	138,738	6,564	24,070	242
15 U CA San Francisco	187,598	0	0	2,708	228	3,291	50	177,357	1,039	2,925	0
16 Yale University	182,404	509	0	8,495	25	12,449	0	147,764	1,335	11,827	0
17 U CA Berkeley	162,396	23,466	68	6,141	1,289	3,068	313	58,164	22,816	44,832	2,239
18 University of Colorado	157,755	295	12,546	7,774	659	4,779	1,224	86,769	17,450	25,829	430
19 Duke University	148,467	745	150	6,919	0	5,720	1,967	117,003	696	14,877	390
20 U TX Austin	146,743	403	198	81,184	1,216	14,737	772	17,706	9,719	19,752	1,056
Total 1st 20 institutions	4,602,976	131,438	25,577	919,279	22,943	240,803	35,307	2,351,889	254,789	587,370	33,581
21 Washington University	144,275	112	0	3,125	17	2,106	50	126,956	4,054	7,767	88
22 University of Pittsburgh	142,562	75	0	6,681	3,755	1,605	225	117,975	2,127	10,077	42
23 U NC Chapel Hill	141,698	796	41	3,598	2,219	1,381	6,120	116,007	269	10,089	1,178
24 U Southern California	139,412	0	765	37,546	1,759	1,767	100	76,976	4,739	14,362	1,398
25 U IL Urbana Champaign	138,304	21,331	50	14,370	3,075	12,231	45	22,887	3,675	60,374	266
26 University of Rochester	131,252	53	0	4,446	0	43,982	0	70,757	1,605	10,409	0
27 University of Arizona	121,160	8,629	226	9,787	2,515	3,514	1,285	51,361	21,745	19,944	2,154
28 California Inst of Tech	117,911	0	119	20,763	21	9,977	262	18,864	14,121	52,511	1,273
29 University of Chicago	111,924	107	108	3,242	188	4,351	0	71,576	6,477	25,875	0
30 Boston University	107,389	50	0	36,070	3,559	3,460	609	52,056	1,615	9,921	49
Total 1st 30 institutions	5,898,863	162,591	26,886	1,058,907	40,051	325,177	44,003	3,077,304	315,216	808,699	40,029
31 U Alabama Birmingham	106,141	655	99	2,537	750	10,329	622	80,040	4,623	6,486	0
32 Ohio State University	104,657	22,525	1,722	5,908	3,772	4,563	276	38,038	4,561	17,220	6,072
33 Indiana University	99,726	2,354	530	2,655	1,310	14,135	282	56,191	907	20,539	823
34 Michigan State University	98,658	40,425	0	1,543	2,002	5,762	587	21,755	284	26,090	210
35 Case Western Reserve U	96,798	252	0	4,760	135	602	0	76,144	6,759	8,086	60
36 University of Florida	95,915	17,720	1,813	10,839	3,444	3,133	1,133	41,987	4,454	9,716	1,676
37 University of Iowa	93,405	475	207	3,452	1,517	709	60	73,733	5,497	6,313	1,442
38 U CA Davis	92,923	9,356	0	1,555	356	14,827	1,969	46,942	1,712	15,731	475
39 Baylor Col of Medicine	92,755	9,000	0	511	0	1,375	169	80,789	911	0	0
40 Northwestern University	90,920	551	0	11,466	1,824	3,546	0	47,984	1,530	20,702	3,317
Total 1st 40 institutions	6,870,761	265,904	31,257	1,104,133	55,161	384,158	49,101	3,640,907	346,454	939,582	54,104

See explanatory information, if any, and SOURCE at end of table.

Table B-7. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
41 Texas A&M University	90,042	32,542	2,598	7,206	0	4,546	1,614	14,530	4,541	20,202	2,263
42 Purdue University	89,899	22,247	161	8,726	10	11,189	277	22,091	3,029	20,469	1,700
43 Vanderbilt University	89,140	110	0	5,720	1,619	1,279	0	73,330	2,634	4,306	142
44 University of Virginia	86,929	3	495	5,654	21	3,140	445	52,368	8,534	14,763	1,506
45 U MD College Park	85,730	11,079	4,680	11,872	165	7,887	1,995	7,155	17,783	22,815	299
46 Rutgers the St U of NJ	83,492	11,813	1,610	14,855	1,503	3,696	1,291	23,591	1,824	16,005	7,304
47 University of Utah	82,458	300	241	8,320	0	4,365	2,000	50,656	1,577	13,137	1,862
48 New York University	82,332	70	0	5,080	880	3,799	1,018	65,631	359	5,495	0
49 Louisiana State U	81,596	13,516	1,171	14,801	377	12,703	3,620	25,801	1,570	5,266	2,771
50 Carnegie Mellon U	76,896	0	83	30,953	17	6,618	422	9,928	4,012	22,957	1,906
Total 1st 50 institutions	7,719,275	357,584	42,296	1,217,320	59,753	443,380	61,783	3,985,988	392,317	1,084,997	73,857
51 NC State U Raleigh	71,590	26,842	2,652	7,130	784	2,497	4,488	6,768	3,554	15,619	1,256
52 University of Miami	69,919	0	270	5,758	901	388	223	51,040	2,756	8,580	3
53 University of Georgia	68,180	24,230	1,402	1,450	1,728	14,463	1,344	11,563	1,014	10,986	0
54 Yeshiva University NY	67,942	0	0	317	0	0	0	67,067	0	558	0
55 Emory University	67,482	79	0	1,031	371	317	0	64,051	63	1,570	0
56 Woods Hole Oceangraphic	66,821	0	1,465	27,517	0	1,528	0	120	817	34,790	584
57 Princeton University	65,389	0	296	14,354	17	7,578	155	16,649	4,427	21,818	95
58 U TX SW Med Ctr Dallas	65,314	237	0	52	0	0	0	62,342	2,194	489	0
59 Oregon State University	65,003	20,437	2,441	6,714	0	1,311	2,923	7,522	3,321	16,797	3,537
60 U CA Irvine	64,050	0	0	6,029	8	4,963	185	39,179	1,984	11,702	0
Total 1st 60 institutions	8,390,965	429,409	50,822	1,287,672	63,562	476,425	71,101	4,312,289	412,447	1,207,906	79,332
61 SUNY at Stony Brook	62,504	14	0	3,437	0	5,417	145	33,772	2,205	17,494	20
62 University of Connecticut	61,392	5,863	5,341	1,917	1,920	10,665	1,764	28,376	239	5,044	263
63 University of New Mexico	60,999	16	0	31,125	893	1,659	140	14,676	3,939	8,480	71
64 University of Kentucky	60,649	18,008	56	597	1,050	4,831	669	26,989	474	7,443	532
65 U IL Chicago	58,450	248	2,102	3,837	525	1,280	239	43,611	310	6,298	0
66 Georgetown University	58,418	54	28	8,802	794	0	50	34,221	0	1,003	13,466
67 Iowa State University	56,984	27,303	440	1,874	506	5,912	1,063	5,476	1,540	7,325	5,545
68 University of Cincinnati	56,185	0	0	3,892	0	637	5,349	41,011	2,332	2,936	28
69 U CA Santa Barbara	54,855	298	621	13,356	475	3,891	681	6,330	4,120	23,484	1,599
70 New Mexico State U	54,072	7,008	59	13,506	38	4,973	65	2,464	21,757	3,467	735
Total 1st 70 institutions	8,975,473	488,221	59,469	1,370,015	69,763	515,690	81,266	4,549,215	449,363	1,290,880	101,591
71 Colorado State University	53,949	12,592	138	4,039	403	2,934	1,030	18,041	2,660	9,104	3,008
72 U Med & Dent of NJ	53,773	0	0	81	299	10,065	440	41,201	362	1,325	0
73 West Virginia U Morgantwn	53,508	9,643	0	10,838	0	7,060	3,500	7,300	10,411	2,688	2,068
74 U Hawaii Manoa	53,286	11,091	0	3,448	1,711	258	35	13,458	9,308	13,581	396
75 U MD Baltimore	52,466	0	75	2,065	0	0	590	49,093	0	643	0
76 Oregon Hlth Sciences U	52,299	150	0	77	0	10,000	119	41,346	0	607	0
77 Georgia Institute of Tech	51,953	0	244	35,493	82	1,107	3,480	2,712	7,526	0	1,309
78 Tufts University	49,179	11,910	105	1,240	195	1,159	3,400	27,072	253	3,834	11
79 VA Polytech Inst & St U	48,887	17,195	168	7,952	12	3,081	949	2,889	4,427	9,513	2,701
80 U TX Hlth Sci Ctr S Anto	48,415	0	0	449	0	0	0	46,962	209	795	0
Total 1st 80 institutions	9,493,188	550,802	60,199	1,435,697	72,465	551,354	94,809	4,799,289	484,519	1,332,970	111,084

See explanatory information, if any, and SOURCE at end of table

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Table B-7. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
81 CUNY Mt Sinai Schl of Med	45,262	0	0	0	0	95	0	44,601	384	182	0
82 Virginia Commonwealth U	44,029	124	0	871	372	234	42	40,959	543	834	50
83 Utah State University	44,002	6,426	85	25,423	756	21	53	4,594	1,939	2,337	2,368
84 Dartmouth College	43,641	321	317	3,065	138	742	223	32,210	960	5,655	10
85 U Alaska Fairbanks	43,385	3,137	2,709	770	0	472	395	565	20,061	13,476	1,800
86 U TX MD Anderson Cancer	43,219	212	0	151	0	0	64	42,512	100	180	0
87 Wayne State University	42,735	0	64	1,961	1,021	525	310	35,385	521	2,948	0
88 Wake Forest University	42,526	3,573	221	65	8	0	0	38,153	60	446	0
89 U Tennessee Knoxville	42,026	18,042	0	3,070	0	10,247	406	4,485	752	4,923	101
90 Florida State University	41,966	183	738	1,935	754	9,657	16	4,103	2,057	22,483	40
Total 1st 90 institutions	9,925,979	582,820	64,333	1,473,008	75,514	573,347	96,318	5,046,856	511,896	1,386,434	115,453
91 U Missouri Columbia	41,937	20,599	0	1,253	0	1,584	195	13,691	242	3,942	431
92 University of Dayton	41,678	0	0	40,640	4	0	370	87	358	219	0
93 U MA Amherst	40,237	8,762	0	9,630	0	1,028	103	6,108	1,651	12,824	131
94 Thomas Jefferson U	39,635	0	0	306	530	261	261	37,942	0	335	0
95 U TX Hlth Sci Ctr Houstn	38,753	212	0	446	0	376	479	35,957	535	748	0
96 Washington State U	38,649	16,684	180	2,956	161	2,636	448	8,649	323	5,574	1,038
97 University of Vermont	38,481	6,989	0	296	263	539	411	28,123	193	1,298	369
98 SUNY at Buffalo	37,598	351	0	557	0	730	545	25,666	428	9,321	0
99 Brown University	36,887	150	41	8,058	8	2,385	0	13,561	2,248	10,261	175
100 U MA Worcester	36,639	248	0	517	0	0	0	34,911	0	963	0
Total 1st 100 institutions	10,316,473	636,815	64,554	1,537,667	76,480	582,886	99,130	5,251,551	517,874	1,431,919	117,597

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-8. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	10,940,124	462,464	58,434	1,129,998	456,866	94,811	582,110	142,606	5,610,296	631,139	1,605,937	165,463
1 Johns Hopkins University	543,873	170	230	17,033	274,750	1,906	5,442	377	223,725	9,802	10,438	0
2 MA Inst of Technology	251,845	597	1,535	58,148	50	180	56,291	1,926	51,403	38,437	40,864	2,414
3 Stanford University	249,575	90	50	35,467	732	0	7,340	5,003	119,882	54,441	24,661	1,909
4 University of Washington	246,013	5,433	2,211	20,886	4,500	657	13,070	855	152,495	8,798	35,080	2,028
5 University of Michigan	214,612	580	643	18,492	1,726	235	8,114	4,474	137,236	10,763	29,027	3,322
6 U CA San Diego	204,063	1,150	75	23,438	664	0	10,330	0	115,063	16,244	35,926	1,173
7 U CA Los Angeles	195,788	363	0	11,852	1,403	2,931	21,665	360	129,321	8,974	18,438	481
8 Columbia U City New York	194,910	10	1,377	9,272	0	0	15,589	10,091	120,682	6,446	30,549	894
9 U WI Madison	190,469	10,875	106	10,257	604	3,129	18,528	1,172	95,652	10,838	38,678	630
10 University of PA	186,002	697	46	19,819	2,102	2,976	6,620	75	136,570	343	16,747	7
Total 1st 10 institutions	2,477,150	19,965	6,273	224,664	286,531	12,014	162,989	24,333	1,282,029	165,086	280,408	12,858
11 U CA San Francisco	175,388	0	0	871	1,837	135	3,181	50	165,993	1,039	2,282	0
12 Cornell University	174,226	13,009	108	17,201	455	0	4,727	245	77,280	7,300	53,066	835
13 Pennsylvania State U	173,070	11,595	58	46,994	30,045	1,364	5,866	1,300	36,663	12,939	18,215	8,031
14 Harvard University	169,173	127	0	10,000	0	0	5,252	2,509	125,405	6,200	19,438	242
15 Yale University	169,151	509	0	7,705	0	0	10,203	0	138,730	1,235	10,769	0
16 University of Minnesota	168,675	9,701	80	15,378	200	3,914	6,158	2,170	101,014	3,022	25,433	1,605
17 University of Colorado	145,497	295	9,199	7,343	426	255	4,340	1,224	81,213	15,823	24,949	430
18 Duke University	138,839	745	0	6,131	630	0	5,015	1,967	110,720	552	12,689	390
19 University of Pittsburgh	136,780	75	0	5,103	1,578	2,841	1,500	225	115,470	990	8,998	0
20 U CA Berkeley	133,232	11,324	68	5,625	177	1,229	3,068	313	53,076	22,348	34,683	1,321
Total 1st 20 institutions	4,061,181	67,345	15,786	347,015	321,879	21,752	212,299	34,336	2,287,593	236,534	490,930	25,712
21 Washington University	133,210	112	0	3,125	0	0	2,022	50	117,410	3,862	6,541	88
22 U NC Chapel Hill	129,071	796	41	3,598	0	1,289	1,381	5,146	107,472	269	8,751	328
23 U Southern California	125,297	0	281	25,035	6,356	1,490	1,767	100	73,294	3,369	12,207	1,398
24 U TX Austin	117,225	403	198	31,545	26,131	184	14,548	772	16,622	7,765	18,553	504
25 U IL Urbana Champaign	116,116	8,611	25	13,064	397	1,407	11,951	45	21,016	3,074	56,260	266
26 University of Arizona	107,819	4,096	180	7,438	1,432	875	3,279	1,204	48,141	20,833	18,187	2,154
27 Boston University	102,642	50	0	32,349	3,721	2,830	3,119	609	48,617	1,593	9,705	49
28 University of Chicago	99,378	107	108	3,212	30	180	4,351	0	65,607	6,075	19,708	0
29 University of Rochester	98,935	53	0	3,996	250	0	20,192	0	64,882	1,542	8,020	0
30 U Alabama Birmingham	90,737	655	99	2,094	143	720	309	622	76,299	4,535	5,261	0
Total 1st 30 institutions	5,181,611	82,228	16,718	472,471	360,339	30,727	275,218	42,884	2,926,953	289,451	654,123	30,499
31 Case Western Reserve U	89,608	252	0	4,192	250	88	602	0	72,040	6,441	5,683	60
32 Baylor Col of Medicine	88,276	9,000	0	441	70	0	1,375	169	76,310	911	0	0
33 University of Iowa	87,875	475	187	2,722	660	987	679	60	69,162	5,407	6,094	1,442
34 California Inst of Tech	87,702	0	119	20,753	0	0	9,571	262	15,893	13,224	26,607	1,273
35 U CA Davis	84,495	6,547	0	1,408	0	325	14,807	1,969	44,557	1,644	12,763	475
36 Ohio State University	84,121	9,745	891	5,838	70	0	4,351	276	36,459	4,495	16,110	5,886
37 Northwestern University	82,636	50	0	11,414	50	1,396	3,546	0	44,625	1,442	18,821	1,292
38 Vanderbilt University	82,091	110	0	5,655	0	900	1,279	0	67,719	2,162	4,216	50
39 Indiana University	81,374	264	530	2,655	0	301	3,436	282	53,548	812	18,723	823
40 University of Virginia	79,221	3	206	4,482	1,172	0	3,140	320	48,389	7,946	12,190	1,373
Total 1st 40 institutions	6,029,010	108,674	18,651	532,031	362,611	34,724	318,004	46,222	3,455,655	333,935	775,330	43,173

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
41 New York University	77,694	70	0	4,778	0	150	3,799	1,018	62,606	359	4,914	0
42 University of Utah	77,407	300	195	8,220	100	0	4,347	2,000	48,894	631	10,858	1,862
43 University of Florida	77,341	9,798	618	9,677	557	1,344	3,123	930	38,179	2,784	8,912	1,419
44 U MD College Park	76,300	5,413	3,583	10,335	1,040	165	7,355	1,995	7,009	16,861	22,245	299
45 Purdue University	74,920	11,321	161	7,148	217	10	10,882	262	21,472	2,632	19,265	1,550
46 Carnegie Mellon U	73,474	0	25	28,685	2,009	0	6,488	422	9,459	3,813	20,697	1,876
47 Rutgers the St U of NJ	70,059	4,704	861	14,063	433	1,503	3,611	679	22,452	1,692	13,350	6,711
48 Michigan State University	67,666	14,452	0	1,439	104	1,488	5,227	587	20,845	218	23,099	207
49 University of Miami	67,315	0	270	5,758	0	619	388	223	49,120	2,585	8,349	3
50 Texas A&M University	65,174	13,732	1,063	6,629	100	0	4,143	1,614	14,042	3,753	18,684	1,414
Total 1st 50 institutions	6,756,360	168,464	25,427	628,763	367,171	40,003	367,367	55,952	3,749,733	369,263	925,703	58,514
51 Yeshiva University NY	64,627	0	0	317	0	0	0	0	63,752	0	558	0
52 Emory University	64,526	79	0	1,031	0	345	317	0	61,249	63	1,442	0
53 U CA Irvine	61,567	0	0	6,029	0	0	4,700	185	37,396	1,862	11,395	0
54 Woods Hole Oceangraphic	61,399	0	1,117	23,757	3,477	0	1,528	0	120	817	29,999	584
55 U TX SW Med Ctr Dallas	61,269	237	0	52	0	0	0	0	58,319	2,194	467	0
56 Princeton University	59,871	0	296	14,280	40	0	6,866	155	14,626	4,305	19,208	95
57 SUNY at Stony Brook	58,590	14	0	3,437	0	0	5,362	145	32,222	2,205	15,185	20
58 Louisiana State U	58,197	5,622	637	14,801	0	0	2,703	3,620	23,198	1,250	5,060	1,306
59 Georgetown University	56,523	54	28	8,802	0	556	0	50	32,634	0	933	13,466
60 University of New Mexico	55,827	0	0	28,190	2,935	37	1,639	140	13,348	2,962	6,505	71
Total 1st 60 institutions	7,358,756	174,470	27,505	729,459	373,623	40,941	390,482	60,247	4,086,597	384,921	1,016,455	74,056
61 U IL Chicago	55,202	248	1,653	2,686	1,151	525	1,235	157	41,435	310	5,802	0
62 Oregon State University	53,999	13,274	912	6,686	28	0	1,311	2,856	7,066	3,085	15,267	3,514
63 University of Cincinnati	51,936	0	0	3,523	210	0	637	3,684	38,841	2,171	2,870	0
64 University of Georgia	51,903	11,603	443	1,450	0	1,622	13,863	1,344	10,984	142	10,452	0
65 U CA Santa Barbara	51,459	298	621	12,447	0	212	3,380	681	6,260	3,947	22,779	834
66 Georgia Institute of Tech	50,805	0	140	19,559	15,934	0	1,107	3,480	2,528	6,822	0	1,235
67 NC State U Raleigh	50,661	10,692	1,292	6,665	158	655	2,497	3,343	6,074	3,203	14,826	1,256
68 U MD Baltimore	49,992	0	75	1,177	888	0	0	590	46,641	0	621	0
69 New Mexico State U	47,265	3,552	59	4,755	6,576	0	4,973	62	2,135	21,210	3,208	735
70 University of Kentucky	46,594	6,822	56	597	0	0	4,831	669	25,985	266	7,028	340
Total 1st 70 institutions	7,808,572	220,959	32,756	789,004	398,568	43,955	424,316	77,113	4,274,546	426,077	1,099,308	81,970
71 Colorado State University	46,360	7,823	0	3,968	66	119	2,635	628	16,895	2,352	9,024	2,850
72 Tufts University	45,015	11,910	0	1,195	45	187	1,159	3,400	25,074	231	1,814	0
73 U TX Hlth Sci Ctr S Anto	44,987	0	0	449	0	0	0	0	43,723	209	606	0
74 U Hawaii Manoa	44,660	5,404	0	3,438	0	1,147	258	35	12,848	7,859	13,275	396
75 CUNY Mt Sinai Schl of Med	43,638	0	0	0	0	0	95	0	42,977	384	182	0
76 University of Connecticut	42,992	2,4[illegible]	1,423	1,830	87	1,920	665	1,764	27,582	217	4,929	101
77 U TX MD Anderson Cancer	42,602	212	0	151	0	0	0	64	41,895	100	180	0
78 U Med & Dent of NJ	41,788	0	0	31	0	199	65	340	39,416	362	1,325	0
79 Iowa State University	41,468	14,550	440	1,705	0	400	5,350	1,063	5,150	958	6,619	5,233
80 Dartmouth College	41,349	321	317	3,065	0	0	742	223	30,363	872	5,436	10
Total 1st 80 institutions	8,303,431	263,653	34,936	804,886	398,766	47,927	435,285	84,630	4,560,469	439,621	1,142,698	90,560

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
81 Virginia Commonwealth U	40,568	124	0	711	160	372	234	42	37,535	531	809	50
82 Wayne State University	40,172	0	64	1,959	0	498	525	0	33,701	499	2,926	0
83 Utah State University	38,841	2,936	85	6,147	18,476	756	21	53	4,526	1,577	2,181	2,083
84 Thomas Jefferson U	38,180	0	0	306	0	362	261	261	36,663	0	327	0
85 Oregon Hlth Sciences U	37,898	150	0	77	0	0	0	119	36,945	0	607	0
86 Wake Forest University	37,768	0	221	65	0	0	0	0	37,017	60	405	0
87 U TX Hlth Sci Ctr Houstn	37,465	212	0	446	0	0	376	479	34,686	535	731	0
88 University of Dayton	37,065	0	0	26,072	9,979	0	0	370	87	338	219	0
89 VA Polytech Inst & St U	36,841	6,784	168	7,475	0	0	3,031	949	2,729	4,043	9,019	2,643
90 West Virginia U Morgantwn	35,439	4,398	0	10,807	31	0	5,573	2,500	6,993	648	2,569	1,920
Total 1st 90 institutions	8,683,668	278,257	35,474	858,951	427,412	49,915	445,306	89,403	4,791,351	447,852	1,162,491	97,256
91 U MA Amherst	35,227	4,742	0	8,227	1,403	0	1,028	103	5,635	1,416	12,542	131
92 Rockefeller University	35,184	0	0	364	56	0	1,101	120	32,720	41	782	0
93 U MA Worcester	34,574	248	0	315	202	0	0	0	32,846	0	963	0
94 Brown University	34,483	150	41	8,058	0	0	2,216	0	12,607	1,858	9,378	175
95 University of Vermont	33,915	4,478	0	296	0	263	539	411	26,327	20	1,266	315
96 University of Kansas	33,522	134	0	1,614	0	1,628	832	206	22,710	921	5,344	133
97 U Alaska Fairbanks	31,738	1,421	1,129	707	0	0	472	395	523	12,901	12,422	1,768
98 SUNY at Buffalo	31,355	351	0	557	0	0	730	545	23,697	384	5,091	0
99 Washington State U	29,541	8,566	180	2,799	157	157	2,636	448	7,857	279	5,424	1,038
100 U Tennessee Knoxville	28,833	6,058	0	2,907	0	0	9,927	406	4,092	592	4,750	101
Total 1st 100 institutions	9,012,040	304,405	36,824	884,795	429,230	51,963	464,787	92,037	4,960,365	466,264	1,220,453	100,917

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior.

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers.

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-9. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	524,786	10,469	2,070	2,158	57,661	13,813	8,124	335,017	42,116	47,081	6,277
1 Stanford University	17,358	0	0	7	90	0	0	9,944	904	6,413	0
2 Harvard University	16,774	0	0	14	86	0	0	13,213	364	3,097	0
3 Johns Hopkins University	16,309	0	30	120	902	0	0	14,228	367	548	114
4 University of Washington	13,496	0	41	0	21	20	78	11,588	744	904	100
5 Clark Atlanta University	12,836	0	0	0	0	12,818	0	18	0	0	0
6 University of Michigan	12,172	0	0	3	0	0	78	9,801	317	1,853	120
7 U CA San Francisco	11,273	0	0	0	93	0	0	10,768	0	412	0
8 University of PA	11,051	0	0	0	0	0	0	10,398	44	609	0
9 U CA Berkeley	10,830	0	0	0	60	0	0	5,000	468	4,694	608
10 MA Inst of Technology	9,984	0	0	2	167	0	0	4,270	613	4,555	377
Total 1st 10 institutions	132,083	0	71	146	1,419	12,838	156	89,228	3,821	23,085	1,319
11 Washington University	9,764	0	0	0	17	0	0	9,397	192	158	0
12 U CA Los Angeles	9,639	0	0	45	25	0	0	8,896	142	531	0
13 Yale University	9,622	0	0	0	25	0	0	8,713	100	784	0
14 U NC Chapel Hill	9,309	0	0	0	930	0	620	7,163	0	296	300
15 U CA San Diego	8,603	0	0	0	8	0	0	7,291	512	792	0
16 University of Minnesota	8,293	390	0	2	919	19	268	5,671	318	556	150
17 Cornell University	8,229	316	0	0	0	0	0	5,300	687	1,926	0
18 University of Colorado	7,989	0	542	0	404	0	0	5,392	1,230	421	0
19 University of Chicago	7,289	0	0	0	8	0	0	5,819	198	1,264	0
20 Columbia U City New York	7,230	0	0	0	8	0	0	6,813	220	189	0
Total 1st 20 institutions	218,050	706	613	193	3,763	12,857	1,044	159,683	7,420	30,002	1,769
21 U WI Madison	7,126	180	0	0	0	19	0	5,502	132	1,293	0
22 Vanderbilt University	6,490	0	0	0	719	0	0	5,117	472	90	92
23 Duke University	6,375	0	135	78	0	0	0	5,445	144	573	0
24 University of Florida	6,337	216	0	0	2,100	0	203	3,064	625	118	11
25 University of Rochester	6,186	0	0	0	0	0	0	5,805	63	318	0
26 University of Arizona	6,086	0	0	0	1,640	0	81	3,020	829	516	0
27 U IL Urbana Champaign	5,370	234	0	0	1,668	0	0	1,653	601	1,214	0
28 University of Iowa	4,985	0	0	0	530	0	0	4,347	90	18	0
29 California Inst of Tech	4,763	0	0	0	21	0	0	2,599	853	1,290	0
30 University of Virginia	4,643	0	0	0	21	0	125	3,695	583	196	23
Total 1st 30 institutions	276,411	1,336	748	271	10,462	12,876	1,453	199,930	11,812	35,628	1,895
31 Case Western Reserve U	4,494	0	0	0	47	0	0	3,978	276	193	0
32 Boston University	4,244	0	0	0	729	39	0	3,413	22	41	0
33 Oregon Hlth Sciences U	4,103	0	0	0	0	0	0	4,103	0	0	0
34 New York University	3,873	0	0	0	730	0	0	2,961	0	182	0
35 U TX Austin	3,732	0	0	0	1,032	0	0	930	1,154	616	0
36 Northwestern University	3,664	0	0	0	428	0	0	2,465	88	556	127
37 NC State U Raleigh	3,595	1,020	0	0	129	0	1,145	554	351	396	0
38 Indiana University	3,569	0	0	0	1,009	0	0	2,314	15	231	0
39 University of Pittsburgh	3,511	0	0	0	914	0	0	2,505	0	50	42
40 U Alabama Birmingham	3,504	0	0	0	30	20	0	3,313	88	53	0
Total 1st 40 institutions	314,700	2,356	748	271	15,510	12,935	2,598	226,466	13,806	37,946	2,064
41 Virginia Commonwealth U	3,416	0	0	0	0	0	0	3,404	12	0	0
42 Princeton University	3,349	0	0	4	17	0	0	2,023	122	1,183	0
43 University of Oregon	3,327	0	0	0	2,316	0	0	941	0	70	0
44 Yeshiva University NY	3,315	0	0	0	0	0	0	3,315	0	0	0
45 U Southern California	3,225	0	0	0	269	0	0	2,854	80	22	0
46 Baylor Col of Medicine	3,185	0	0	0	0	0	0	3,185	0	0	0
47 Pennsylvania State U	2,830	108	57	0	8	0	0	1,389	725	172	371
48 Louisiana State U	2,820	0	0	0	377	0	0	2,123	320	0	0
49 U TX Hlth Sci Ctr S Anto	2,817	0	0	0	0	0	0	2,817	0	0	0
50 University of New Mexico	2,713	0	0	0	856	0	0	1,196	535	126	0
Total 1st 50 institutions	345,697	2,464	805	275	19,353	12,935	2,598	249,713	15,600	39,519	2,435

See explanatory information, if any, and SOURCE at end of table.

Table B-9. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
51 U CA Davis	2,701	324	0	0	31	20	0	1,831	68	427	0
52 San Diego State U	2,697	0	3	0	2,327	0	0	367	0	0	0
53 U TX SW Med Ctr Dallas	2,492	0	0	0	0	0	0	2,470	0	22	0
54 Emory University	2,461	0	0	0	26	0	0	2,307	0	128	0
55 Rutgers the St U of NJ	2,377	108	0	0	0	0	612	1,043	132	97	385
56 University of Miami	2,268	0	0	0	282	0	0	1,854	0	132	0
57 University of Cincinnati	2,227	0	0	0	0	0	451	1,617	88	43	28
58 University of Kentucky	2,071	64	0	0	1,050	0	0	660	208	19	70
59 Colorado State University	2,003	173	138	0	284	0	402	660	285	61	0
60 U Alabama Huntsville	1,968	0	0	0	0	0	0	47	1,921	0	0
Total 1st 60 institutions	368,962	3,133	946	275	23,353	12,955	4,063	262,569	18,302	40,448	2,918
61 U CA Irvine	1,930	0	0	0	8	0	0	1,649	122	151	0
62 George Washington U	1,852	0	28	683	989	0	0	108	0	22	22
63 Florida A&M University	1,836	380	0	0	0	0	0	89	1,273	0	94
64 Medical College WI	1,776	0	0	0	0	0	0	1,776	0	0	0
65 University of Utah	1,723	0	0	0	0	18	0	1,589	0	116	0
66 Meharry Medical College	1,696	0	0	0	0	0	0	1,696	0	0	0
67 Michigan State University	1,694	287	0	0	514	20	0	696	66	108	3
68 Brown University	1,666	0	0	0	8	19	0	954	390	295	0
69 SUNY at Buffalo	1,635	0	0	0	0	0	0	1,491	44	100	0
70 U Hawaii Manoa	1,632	0	0	0	564	0	0	516	465	87	0
Total 1st 70 institutions	386,402	3,800	974	958	25,436	13,012	4,063	273,133	20,662	41,327	3,037
71 Dartmouth College	1,625	0	0	0	138	0	0	1,355	88	44	0
72 Spelman College	1,607	0	0	0	0	0	0	0	1,607	0	0
73 Wayne State University	1,607	0	0	2	523	0	0	1,038	22	22	0
74 Iowa State University	1,568	292	0	0	106	0	0	310	582	108	170
75 Old Dominion University	1,534	0	0	0	4	0	0	66	1,422	42	0
76 West Virginia U Morgantwn	1,519	0	0	0	0	0	1,000	195	294	0	30
77 Carnegie Mellon U	1,513	0	0	2	17	0	0	469	199	796	30
78 CUNY Mt Sinai Schl of Med	1,512	0	0	0	0	0	0	1,512	0	0	0
79 Ohio State University	1,498	0	0	0	0	0	0	1,057	66	375	0
80 Texas A&M University	1,497	227	24	0	0	0	0	282	690	134	140
Total 1st 80 institutions	401,882	4,319	998	962	26,224	13,012	5,063	279,417	25,632	42,848	3,407
81 University of Kansas	1,459	0	0	0	0	17	0	1,071	349	22	0
82 U MD Baltimore	1,426	0	0	0	0	0	0	1,404	0	22	0
83 SUNY at Stony Brook	1,421	0	0	0	0	0	0	1,356	0	65	0
84 U Northern Colorado	1,418	0	0	0	1,388	0	0	30	0	0	0
85 Thomas Jefferson U	1,405	0	0	0	168	0	0	1,229	0	8	0
86 U MD College Park	1,402	0	76	359	0	0	0	112	768	87	0
87 Purdue University	1,380	130	0	0	0	0	6	549	392	303	0
88 U IL Chicago	1,320	0	0	0	0	0	82	1,216	0	22	0
89 Howard University	1,314	0	0	0	241	0	0	677	304	0	92
90 Tufts University	1,314	0	0	0	8	0	0	1,251	22	22	11
Total 1st 90 institutions	415,741	4,449	1,074	1,321	28,029	13,029	5,151	288,312	27,467	43,399	3,510
91 U Med & Dent of NJ	1,270	0	0	0	100	0	100	1,070	0	0	0
92 University of Connecticut	1,269	48	429	0	0	0	0	684	22	86	0
93 U MA Worcester	1,257	0	0	0	0	0	0	1,257	0	0	0
94 Rockefeller University	1,229	0	0	0	0	0	0	1,156	0	73	0
95 University of Vermont	1,227	0	0	0	0	0	0	978	173	22	54
96 Oregon State University	1,172	346	0	0	0	0	67	456	236	44	23
97 U Arkansas for Med Sci	1,172	0	0	0	141	0	0	1,031	0	0	0
98 San Jose State University	1,170	0	0	0	1,095	0	0	53	22	0	0
99 University of Oklahoma	1,100	0	65	0	12	0	0	784	195	44	0
100 University of N Dakota	1,097	0	0	0	0	0	0	924	173	0	0
Total 1st 100 institutions	427,704	4,843	1,568	1,321	29,377	13,029	5,318	296,705	28,288	43,668	3,587

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-10. Federal obligations for general support for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	66,087	10	15,047	17	3,963	0	1,887	26,641	7,839	0	9,835	848
1 Ohio State University	4,255	0	119	0	3,772	0	0	261	0	0	103	0
2 University of Colorado	2,768	0	2,686	0	0	0	0	82	0	0	0	0
3 U CA San Diego	2,525	0	0	0	0	0	0	58	2,467	0	0	0
4 U NC Wilmington	2,214	0	2,214	0	0	0	0	0	0	0	0	0
5 U Hawaii Hilo	2,105	0	2,105	0	0	0	0	0	0	0	0	0
6 Louisiana State U	1,892	0	76	0	0	0	0	240	1,465	0	111	0
7 University of Connecticut	1,851	0	1,773	0	0	0	0	55	0	0	23	0
8 University of Cincinnati	1,336	0	0	0	0	0	1,214	114	0	0	8	0
9 University of Washington	1,240	0	375	0	0	0	0	462	127	0	276	0
10 U PR Rio Piedras	1,235	0	0	0	0	0	0	1,235	0	0	0	0
Total 1st 10 institutions	21,421	0	9,348	0	3,772	0	1,214	2,507	4,059	0	521	0
11 Texas A&M University	1,090	0	226	0	0	0	0	103	639	0	122	0
12 U Alaska Fairbanks	976	0	740	0	0	0	0	6	32	0	198	0
13 Jackson State University	867	0	0	0	0	0	0	621	246	0	0	0
14 Morehouse College	834	0	0	0	0	0	0	834	0	0	0	0
15 Rutgers the St U of NJ	827	0	749	0	0	0	0	48	30	0	0	0
16 Clark Atlanta University	770	0	0	0	0	0	0	770	0	0	0	0
17 U CA Santa Barbara	765	0	0	0	0	0	0	0	765	0	0	0
18 Florida A&M University	689	0	0	0	0	0	0	689	0	0	0	0
19 U CA Santa Cruz	677	0	0	0	0	0	0	595	0	0	82	0
20 U TX Austin	672	0	0	0	0	0	0	77	552	0	43	0
Total 1st 20 institutions	29,588	0	11,063	0	3,772	0	1,214	6,250	6,323	0	966	0
21 U IL Urbana Champaign	639	0	0	0	0	0	0	109	0	0	530	0
22 U Arkansas Main	612	0	0	0	0	0	0	14	0	0	0	598
23 Florida International U	538	0	0	0	0	0	0	538	0	0	0	0
24 U NC Chapel Hill	508	0	0	0	0	0	354	154	0	0	0	0
25 University of PA	496	0	32	0	0	0	0	219	0	0	245	0
26 U Arkansas Pine Bluff	492	10	0	0	0	0	0	482	0	0	0	0
27 University of Kentucky	473	0	0	0	0	0	0	172	0	0	301	0
28 U MD College Park	469	0	255	0	0	0	0	17	0	0	197	0
29 U Med & Dent of NJ	466	0	0	0	0	0	0	466	0	0	0	0
30 U PR Humacao U Col	458	0	0	0	0	0	0	458	0	0	0	0
Total 1st 30 institutions	34,739	10	11,350	0	3,772	0	1,568	8,879	6,323	0	2,239	598
31 Texas Southern U	450	0	0	0	0	0	0	450	0	0	0	0
32 U Alaska Anchorage	443	0	0	0	0	0	0	0	443	0	0	0
33 Duke University	427	0	15	17	0	0	0	25	0	0	370	0
34 SUNY at Stony Brook	410	0	0	0	0	0	0	86	0	0	324	0
35 MA Inst of Technology	409	0	389	0	0	0	0	0	0	0	20	0
36 University of Vermont	409	0	0	0	0	0	0	409	0	0	0	0
37 U MA Worcester	404	0	0	0	0	0	0	404	0	0	0	0
38 Wayne State University	398	0	0	0	0	0	310	88	0	0	0	0
39 University of Guam	383	0	0	0	0	0	0	383	0	0	0	0
40 U IL Chicago	358	0	177	0	0	0	0	107	0	0	74	0
Total 1st 40 institutions	38,830	10	11,931	17	3,772	0	1,878	10,831	6,766	0	3,027	598

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Federal obligations for general support for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
41 NC State U Raleigh	350	0	280	0	0	0	0	70	0	0	0	0
42 U of the Virgin Islands	345	0	0	0	0	0	0	345	0	0	0	0
43 University of Florida	341	0	171	0	0	0	0	166	0	0	4	0
44 Columbia U City New York	339	0	28	0	0	0	0	122	0	0	189	0
45 Arizona State U Main	338	0	0	0	0	0	0	0	0	0	338	0
46 U WI Madison	334	0	0	0	0	0	0	330	0	0	4	0
47 University of Michigan	332	0	19	0	0	0	0	134	0	0	179	0
48 U South Florida	331	0	70	0	0	0	0	46	187	0	28	0
49 CUNY Bronx Cmty College	327	0	0	0	0	0	0	327	0	0	0	0
50 Barry University	321	0	0	0	0	0	0	321	0	0	0	0
Total 1st 50 institutions	42,188	10	12,499	17	3,772	0	1,878	12,692	6,953	0	3,769	598
51 CA St U Dominguez Hills	307	0	0	0	0	0	0	307	0	0	0	0
52 U CA San Francisco	301	0	0	0	0	0	0	298	0	0	3	0
53 U CA Davis	298	0	0	0	0	0	0	277	0	0	21	0
54 Utah State University	298	0	0	0	0	0	0	34	151	0	113	0
55 Chaminade U of Honolulu	296	0	0	0	0	0	0	296	0	0	0	0
56 U Southern California	291	0	69	0	0	0	0	53	0	0	169	0
57 Michigan State University	290	0	0	0	0	0	0	107	0	0	183	0
58 University of Oklahoma	289	0	7	0	0	0	0	69	0	0	213	0
59 Lincoln University MO	288	0	0	0	0	0	0	288	0	0	0	0
60 NJ Inst of Technology	285	0	0	0	0	0	0	0	0	0	35	250
Total 1st 60 institutions	45,131	10	12,575	17	3,772	0	1,878	14,421	7,104	0	4,506	848
61 Bethune Cookman College	277	0	0	0	0	0	0	277	0	0	0	0
62 University of Georgia	269	0	138	0	0	0	0	22	0	0	109	0
63 Talladega College	260	0	0	0	0	0	0	260	0	0	0	0
64 Selma University	258	0	0	0	0	0	0	258	0	0	0	0
65 College of William & Mary	256	0	151	0	0	0	0	0	105	0	0	0
66 Bennett College NC	252	0	0	0	0	0	0	252	0	0	0	0
67 New Mexico Highlands U	251	0	0	0	0	0	0	251	0	0	0	0
68 Coppin State College	250	0	0	0	0	0	0	250	0	0	0	0
69 George Washington U	250	0	0	0	0	0	0	15	0	0	235	0
70 LA U Marine Consortium	250	0	0	0	0	0	0	0	250	0	0	0
Total 1st 70 institutions	47,704	10	12,864	17	3,772	0	1,878	16,006	7,459	0	4,850	848
71 Tougaloo College	250	0	0	0	0	0	0	250	0	0	0	0
72 Dartmouth College	246	0	0	0	0	0	0	246	0	0	0	0
73 Oakwood College	246	0	0	0	0	0	0	246	0	0	0	0
74 Alabama State University	244	0	0	0	0	0	0	244	0	0	0	0
75 Colorado State University	243	0	0	0	0	0	0	243	0	0	0	0
76 TX A&M U Kingsville	243	0	0	0	0	0	0	243	0	0	0	0
77 San Diego State U	242	0	3	0	0	0	0	32	42	0	165	0
78 Tufts University	242	0	0	0	0	0	0	242	0	0	0	0
79 SUNY at Buffalo	239	0	0	0	0	0	0	239	0	0	0	0
80 University of Iowa	237	0	0	0	0	0	0	112	0	0	125	0
Total 1st 80 institutions	50,136	10	12,867	17	3,772	0	1,878	18,103	7,501	0	5,140	848

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Federal obligations for general support for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
81 Medical U of S Carolina	234	0	0	0	0	0	0	234	0	0	0	0
82 U South Carolina	233	0	47	0	0	0	0	186	0	0	0	0
83 Northeastern University	218	0	0	0	0	0	0	99	0	0	119	0
84 Virginia State University	218	0	0	0	0	0	0	218	0	0	0	0
85 Oregon State University	215	0	215	0	0	0	0	0	0	0	0	0
86 Stillman College	212	0	0	0	0	0	0	212	0	0	0	0
87 U CA Los Angeles	212	0	0	0	0	0	0	169	0	0	43	0
88 U TX Hlth Sci Ctr S Anto	211	0	0	0	0	0	0	211	0	0	0	0
89 U Rhode Island	207	0	207	0	0	0	0	0	0	0	0	0
90 U Tennessee Memphis	207	0	0	0	0	0	0	207	0	0	0	0
Total 1st 90 institutions	52,303	10	13,336	17	3,772	0	1,878	19,639	7,501	0	5,302	848
91 New York Medical College	205	0	0	0	0	0	0	205	0	0	0	0
92 Drexel University	203	0	0	0	0	0	0	51	0	0	152	0
93 U Southwestern Louisiana	200	0	0	0	0	0	0	0	200	0	0	0
94 Iowa State University	196	0	0	0	0	0	0	8	0	0	188	0
95 U Alabama Birmingham	196	0	0	0	0	0	0	196	0	0	0	0
96 Rice University	189	0	0	0	0	0	0	24	0	0	165	0
97 Brigham Young University	187	0	0	0	0	0	0	10	0	0	177	0
98 California Inst of Tech	186	0	0	0	0	0	0	186	0	0	0	0
99 South Carolina St U	182	0	0	0	0	0	0	182	0	0	0	0
100 U New Hampshire	182	0	26	0	0	0	0	22	0	0	134	0
Total 1st 100 institutions	54,229	10	13,362	17	3,772	0	1,878	20,523	7,701	0	6,118	848

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
United States, total	10,940,124	462,464	58,434	1,129,998	456,866	94,811	582,110	142,606	5,610,296	631,139	1,605,937	165,463
Alabama, total	160,742	11,457	348	13,425	2,431	1,873	2,808	1,442	88,388	23,401	12,612	2,557
Alabama A & M University	6,444	2,344	0	1,392	351	165	0	0	0	790	1,109	293
Alabama State University	12	0	0	0	0	0	0	0	0	0	12	0
Auburn University	18,483	6,242	45	2,662	100	0	730	307	1,491	3,660	1,823	1,423
Faulkner University	137	0	0	0	0	137	0	0	0	0	0	0
Gadsden State Cmty Col	297	0	0	0	0	0	0	0	0	0	0	297
Jacksonville State U	434	0	0	0	0	0	0	0	0	0	434	0
Selma University	127	0	0	0	0	0	127	0	0	0	0	0
Stillman College	25	0	0	0	0	25	0	0	0	0	0	0
Talladega College	239	0	0	0	0	36	0	0	0	0	203	0
Trenholm St Tech Col	24	0	0	0	0	24	0	0	0	0	0	0
Troy St U Main	33	0	0	8	0	0	0	0	0	0	25	0
Tuskegee University	6,993	2,216	0	2,328	50	0	38	0	270	1,562	529	0
U Alabama Birmingham	90,737	655	99	2,094	143	720	309	622	76,299	4,535	5,261	0
U Alabama Huntsville	19,879	0	102	3,473	1,690	0	190	453	193	12,514	1,264	0
U Alabama Sys Off	1,161	0	0	1,074	0	0	0	0	87	0	0	0
U South Alabama	8,339	0	102	98	0	75	44	0	7,447	59	514	0
University of Alabama	7,378	0	0	296	97	691	1,370	60	2,601	281	1,438	544
Alaska, total	34,217	1,569	1,448	815	0	200	552	514	1,914	12,901	12,486	1,818
Alaska Pacific University	152	0	0	108	0	0	0	0	0	0	44	0
U Alaska Anchorage	1,899	0	319	0	0	0	0	119	1,391	0	20	50
U Alaska Fairbanks	31,738	1,421	1,129	707	0	0	472	395	523	12,901	12,422	1,768
U Alaska System Higher Ed	428	148	0	0	0	200	80	0	0	0	0	0
Arizona, total	144,422	4,749	205	12,121	1,496	1,258	4,605	2,090	55,330	23,559	35,669	3,340
Arizona State U Main	27,310	166	25	4,550	64	220	1,326	458	5,942	2,355	12,131	73
Arizona Western College	3	0	0	0	0	0	0	0	0	0	0	3
Maricopa CC Sys Off	1,691	58	0	133	0	0	0	0	0	0	1,500	0
Mesa Community College	132	0	0	0	0	0	0	0	0	0	132	0
Navajo Community College	655	0	0	0	0	163	0	0	0	77	415	0
Northern Arizona U	6,528	182	0	0	0	0	0	428	1,247	294	3,304	1,073
Prescott College	37	0	0	0	0	0	0	0	0	0	0	37
U & St Col AZ Sys Off	247	247	0	0	0	0	0	0	0	0	0	0
University of Arizona	107,819	4,096	180	7,438	1,432	875	3,279	1,204	48,141	20,833	18,187	2,154
Arkansas, total	32,467	9,599	0	1,348	2,600	1,614	264	158	11,927	262	3,749	946
Arkansas State University	76	0	0	0	0	0	0	0	1	75	0	0
Arkansas Tech University	11	11	0	0	0	0	0	0	0	0	0	0
Harding U All Campuses	24	0	0	0	0	0	0	0	0	24	0	0
Henderson State U	2	0	0	0	0	0	0	0	0	0	2	0
Lyon College	260	0	0	0	0	156	0	0	0	0	104	0
U Arkansas Little Rock	2,916	0	0	672	0	0	45	0	1,233	79	887	0
U Arkansas Main	16,101	7,565	0	676	2,600	1,458	200	63	580	84	2,393	482
U Arkansas Monticello	90	0	0	0	0	0	0	0	0	0	90	0
U Arkansas Pine Bluff	1,628	1,481	0	0	0	0	19	0	0	0	39	89
U Arkansas Sys Off	444	294	0	0	0	0	0	0	150	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Arkansas, continued:												
U Arkansas for Med Sci	10,450	158	0	0	0	0	0	95	9,963	0	234	0
U Central Arkansas	465	90	0	0	0	0	0	0	0	0	0	375
California, total	1,466,549	22,258	7,631	149,084	11,346	10,542	85,001	10,025	793,273	137,242	230,516	9,631
CA St Col Bakersfield	13	0	0	0	0	0	0	0	0	0	13	0
CA St Poly U Pomona	788	10	0	0	0	0	0	0	0	0	778	0
CA St U Chico	34	0	0	0	0	0	0	0	0	34	0	0
CA St U Dominguez Hills	193	0	0	0	0	0	0	0	0	0	193	0
CA St U Fresno	563	0	0	0	0	200	0	0	93	89	181	0
CA St U Fullerton	1,212	0	0	0	0	0	301	0	338	52	521	0
CA St U Hayward	916	0	0	27	0	0	200	60	328	50	241	10
CA St U Long Beach	1,965	0	0	0	0	189	0	0	1,405	95	276	0
CA St U Los Angeles	2,075	0	0	84	0	0	0	0	106	121	1,764	0
CA St U Northridge	1,662	0	0	105	0	0	78	0	210	178	1,091	0
CA St U Sacramento	64	0	0	0	0	24	0	0	0	0	40	0
CA St U San Bernardino	739	0	0	0	0	0	0	0	99	0	640	0
CA State Poly U San Luis	854	28	0	333	0	0	0	0	0	298	195	0
CA State U System Office	95	7	0	0	0	88	0	0	0	0	0	0
California Inst of Tech	87,702	0	119	20,753	0	0	9,571	262	15,893	13,224	26,607	1,273
California Lutheran U	200	0	0	0	0	200	0	0	0	0	0	0
Cerritos College	147	0	0	0	0	147	0	0	0	0	0	0
Charles Drew U Med & Sci	4,298	0	0	0	0	200	0	0	4,098	0	0	0
Claremont McKenna College	68	0	0	3	0	0	0	0	0	65	0	0
Col Osteo Med of Pacific	67	0	0	0	0	0	0	0	67	0	0	0
Cypress College	124	0	0	0	0	0	0	0	0	0	124	0
D Q University	80	0	0	0	0	0	80	0	0	0	0	0
Deep Springs College	19	0	0	0	0	0	0	0	0	0	19	0
Diablo Valley College	23	0	0	0	0	0	0	0	0	0	23	0
Foothill Deanza CC SO	332	0	0	0	0	104	0	0	0	228	0	0
Glendale Cmty Col CA	18	0	0	0	0	0	0	0	0	0	18	0
Harvey Mudd College	554	0	0	0	0	247	0	0	0	33	274	0
Humboldt State University	1,307	271	0	0	0	200	0	0	94	0	546	196
Imperial Valley College	128	0	0	0	0	0	0	0	0	0	0	128
L A Cmty Col District Off	73	0	0	0	0	73	0	0	0	0	0	0
Loma Linda University	2,594	0	0	0	0	0	0	380	2,194	0	0	20
Loyola Marymount U	155	0	0	0	0	0	0	0	116	39	0	0
Mills College	582	0	0	0	0	0	0	0	0	0	582	0
Mission College	35	0	0	0	0	0	0	0	0	0	35	0
Monterey Peninsula Col	247	0	0	0	0	247	0	0	0	0	0	0
Natl Hispanic University	256	0	0	196	0	0	60	0	0	0	0	0
New College of California	87	0	0	0	0	0	0	0	0	0	87	0
Occidental College	482	0	0	152	0	0	0	0	90	0	240	0
Pepperdine University	66	0	0	0	0	0	0	0	0	0	66	0
Pomona College	458	0	0	0	0	0	0	0	198	0	260	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
California, continued												
San Diego State U	13,192	55	43	1,402	0	247	1,099	0	6,965	338	2,830	213
San Francisco State U	5,491	0	7	187	0	244	39	0	1,021	207	3,746	40
San Jose State University	9,172	0	612	367	0	0	60	0	104	4,700	3,319	10
Santa Clara University	387	0	0	0	0	0	0	0	0	125	262	0
Sonoma State University	140	0	0	0	0	0	0	0	0	95	45	0
St Marys Col CA	20	0	0	0	0	0	0	0	0	0	20	0
Stanford University	249,575	90	50	35,467	732	0	7,340	5,003	119,882	54,441	24,661	1,909
Taft College	22	0	0	0	0	0	0	0	0	0	22	0
U CA Berkeley	133,232	11,324	68	5,625	177	1,229	3,068	313	53,076	22,348	34,683	1,321
U CA Davis	84,495	6,547	0	1,408	0	325	14,807	1,969	44,557	1,644	12,763	475
U CA Irvine	61,567	0	0	6,029	0	0	4,700	185	37,396	1,862	11,395	0
U CA Los Angeles	195,788	363	0	11,852	1,403	2,931	21,665	360	129,321	8,974	18,438	481
U CA Office of Pres	7,823	0	5,755	0	0	0	0	0	1,968	0	0	100
U CA Riverside	19,108	2,079	0	447	177	322	1,680	662	7,229	1,817	4,695	0
U CA San Diego	204,063	1,150	75	23,438	664	0	10,330	0	115,063	16,244	35,926	1,173
U CA San Francisco	175,388	0	0	871	1,837	135	3,181	50	165,993	1,039	2,282	0
U CA Santa Barbara	51,459	298	621	12,447	0	212	3,380	681	6,260	3,947	22,779	834
U CA Santa Cruz	17,407	36	0	2,856	0	1,488	1,595	0	4,698	1,297	5,387	50
U San Francisco	727	0	0	0	0	0	0	0	394	289	44	0
U Southern California	125,297	0	281	25,035	6,356	1,490	1,767	100	73,294	3,369	12,207	1,398
University of San Diego	421	0	0	0	0	0	0	0	262	0	159	0
University of the Pacific	461	0	0	0	0	0	0	0	461	0	0	0
West Valley College	12	0	0	0	0	0	0	0	0	0	12	0
Westmont College	27	0	0	0	0	0	0	0	0	0	27	0
Colorado, total	208,487	8,320	9,199	13,897	795	1,044	8,381	2,940	103,002	20,327	37,045	3,537
Colorado College	41	0	0	0	0	0	0	0	0	0	41	0
Colorado School of Mines	4,983	0	0	869	303	0	1,269	793	0	515	1,020	214
Colorado State University	46,360	7,823	0	3,968	66	119	2,635	628	16,895	2,352	9,024	2,850
Fort Lewis College	249	0	0	0	0	0	0	0	0	0	226	23
Front Range Cmty Col	32	32	0	0	0	0	0	0	0	0	0	0
Otero Junior College	2,726	0	0	0	0	0	0	0	2,726	0	0	0
Regis University CO	92	0	0	0	0	0	0	0	92	0	0	0
Trinidad State Junior Col	238	0	0	0	0	238	0	0	0	0	0	0
U Northern Colorado	738	0	0	0	0	355	0	0	0	35	328	20
U Southern Colorado	556	0	0	0	0	0	0	0	0	556	0	0
University of Colorado	145,497	295	9,199	7,343	426	255	4,340	1,224	81,213	15,823	24,949	430
University of Denver	6,975	170	0	1,717	0	77	137	295	2,076	1,046	1,457	0
Connecticut, total	216,542	3,158	1,461	9,703	142	1,920	10,998	1,764	167,907	1,529	17,855	105
Central Connecticut St U	92	0	0	0	0	0	0	0	0	0	88	4
Connecticut College	434	0	0	0	0	0	0	0	106	0	328	0
Fairfield University	29	0	0	0	0	0	0	0	0	0	29	0
Quinnipiac College	249	0	0	0	0	0	0	0	249	0	0	0
Sacred Heart University	365	0	0	0	0	0	0	0	0	0	365	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Connecticut, continued:												
Southern Connecticut St U	145	0	0	0	0	0	0	0	49	0	96	0
Trinity College CT	136	0	0	0	0	0	0	0	0	0	136	0
University of Bridgeport	55	0	0	0	55	0	0	0	0	0	0	0
University of Connecticut	42,992	2,474	1,423	1,830	87	1,920	665	1,764	27,582	217	4,929	101
University of Hartford	210	0	0	0	0	0	0	0	73	47	90	0
University of New Haven	143	0	0	0	0	0	0	0	0	0	143	0
Wesleyan University	2,541	175	38	168	0	0	130	0	1,118	30	882	0
Yale University	169,151	509	0	7,705	0	0	10,203	0	138,730	1,235	10,769	0
Delaware, total	24,421	2,769	753	4,959	263	2,359	1,174	559	2,956	1,134	6,863	632
Delaware State University	1,531	804	0	605	0	25	0	0	0	18	79	0
Delaware Tech & Cmty Col	242	0	0	0	0	240	0	0	0	0	0	2
University of Delaware	22,648	1,965	753	4,354	263	2,094	1,174	559	2,956	1,116	6,784	630
District of Columbia, total	109,857	1,050	429	21,692	470	1,900	871	398	51,510	7,344	10,367	13,826
American University	918	0	0	0	0	0	0	0	233	25	660	0
Catholic U of America	2,805	136	187	511	132	0	153	0	454	629	550	53
Gallaudet University	1,521	0	0	0	0	333	0	0	522	0	666	0
George Washington U	27,524	44	197	9,126	172	150	606	204	13,135	2,685	1,015	190
Georgetown University	56,523	54	28	8,802	0	556	0	50	32,634	0	933	13,466
Howard University	18,417	287	17	3,115	166	861	112	144	4,158	3,322	6,235	0
University of DC	2,149	529	0	138	0	0	0	0	374	683	308	117
Florida, total	230,017	11,809	2,200	32,680	1,876	3,016	13,265	3,332	104,294	16,887	34,374	6,284
Barry University	213	0	0	0	0	195	0	0	0	0	18	0
Brevard Community College	35	0	0	0	0	0	0	0	0	35	0	0
Eckerd College	58	0	0	0	0	0	0	0	0	0	58	0
Embry Riddle Aeronautcl U	1,301	0	0	0	0	200	0	0	111	190	166	634
FL Cmty Col Jacksonville	78	0	0	0	0	0	0	0	0	0	78	0
Florida A&M University	9,247	1,746	0	2,695	0	176	0	0	2,074	2,022	534	0
Florida Atlantic U	9,106	0	0	2,563	0	0	0	0	862	4,516	898	267
Florida Inst of Tech	2,554	0	139	298	85	0	0	171	741	158	937	25
Florida International U	7,863	90	0	1,543	0	120	0	274	1,233	149	1,400	3,054
Florida State University	26,847	115	738	1,871	64	0	9,607	16	4,062	1,913	8,461	0
Nova Southeastern U	933	0	34	95	0	0	0	0	121	0	683	0
Rollins College	42	0	0	0	0	0	42	0	0	0	0	0
U Central Florida	10,251	0	0	6,725	1,070	0	0	0	372	976	1,108	0
U South Florida	14,256	60	401	1,025	100	362	105	118	6,979	1,559	2,665	882
U West Florida	2,379	0	0	430	0	0	0	1,600	242	0	107	0
University of Florida	77,341	9,798	618	9,677	557	1,344	3,123	930	38,179	2,784	8,912	1,419
University of Miami	67,315	0	270	5,758	0	619	388	223	49,120	2,585	8,349	3
University of N Florida	198	0	0	0	0	0	0	0	198	0	0	0
Georgia, total	207,633	13,846	583	25,779	21,296	2,824	17,498	5,116	93,500	10,663	15,131	1,397
Agnes Scott College	11	0	0	0	0	0	0	0	0	0	11	0
Brewton Parker College	112	0	0	0	0	112	0	0	0	0	0	0
Clark Atlanta University	7,673	19	0	1,752	423	310	618	0	193	2,677	1,681	0

See explanatory information, if any, and SOURCE at end of table

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Georgia, continued:												
Emory University	64,526	79	0	1,031	0	345	317	0	61,249	63	1,442	0
Fort Valley State College	2,598	2,002	0	0	0	0	446	0	0	0	150	0
Georgia Institute of Tech	50,805	0	140	19,559	15,934	0	1,107	3,480	2,528	6,822	0	1,235
Georgia Southern U	686	24	0	0	0	0	0	0	553	89	20	0
Georgia Southwestern Col	55	0	0	0	0	0	0	0	0	55	0	0
Georgia State University	5,661	4	0	0	0	0	238	0	4,137	319	963	0
Inst Paper Sci & Tech	861	88	0	0	0	0	773	0	0	0	0	0
Kennesaw State College	229	0	0	0	0	0	0	65	134	0	30	0
Medical College GA	9,107	0	0	10	0	0	0	0	9,097	0	0	0
Mercer University	5,490	0	0	0	4,939	0	0	0	481	25	45	0
Middle Georgia College	33	0	0	0	0	33	0	0	0	0	0	0
Morehouse College	796	0	0	0	0	215	0	227	189	0	165	0
Morehouse School of Med	3,904	0	0	0	0	0	106	0	3,267	471	60	0
Morris Brown College	1,154	0	0	827	0	187	0	0	130	0	10	0
Spelman College	1,252	0	0	1,150	0	0	0	0	0	0	102	0
U System of Georgia	740	27	0	0	0	0	0	0	551	0	0	162
University of Georgia	51,903	11,603	443	1,450	0	1,622	13,863	1,344	10,984	142	10,452	0
Valdosta State University	7	0	0	0	0	0	0	0	7	0	0	0
West Georgia College	30	0	0	0	0	0	30	0	0	0	0	0
Hawaii, total	53,488	6,046	2,013	3,438	0	1,667	2,386	35	13,760	7,859	13,275	3,009
U Hawaii Hilo	2,584	571	2,013	0	0	0	0	0	0	0	0	0
U Hawaii Manoa	44,660	5,404	0	3,438	0	1,147	258	35	12,848	7,859	13,275	396
U Hawaii System Off	6,244	71	0	0	0	520	2,128	0	912	0	0	2,613
Idaho, total	16,545	6,359	32	492	0	200	534	663	1,959	58	3,586	2,662
Boise State University	444	0	32	166	0	0	0	0	0	0	227	19
Idaho State University	1,041	72	0	0	0	0	495	0	255	31	176	12
Lewis Clark State College	25	0	0	0	0	0	0	0	0	0	25	0
North Idaho College	971	0	0	0	0	0	0	0	970	0	0	1
University of Idaho	14,064	6,287	0	326	0	200	39	663	734	27	3,158	2,630
Illinois, total	402,096	10,709	1,786	33,331	1,728	5,441	23,156	664	200,514	11,171	111,801	1,795
Black Hawk College	67	0	0	0	0	67	0	0	0	0	0	0
Bradley University	771	0	0	0	0	0	0	0	0	0	723	48
Chicago State University	1,627	0	0	1	0	164	0	0	0	0	1,462	0
City Colleges of Chicago	388	0	0	0	0	0	356	0	0	0	32	0
Columbia College IL	92	0	0	92	0	0	0	0	0	0	0	0
De Paul University	1,115	0	0	23	0	0	0	0	601	0	491	0
East West University	160	0	0	0	0	160	0	0	0	0	0	0
Eastern Illinois U	506	0	0	0	0	0	0	0	0	0	506	0
Elmhurst College	725	0	0	0	0	0	0	0	0	0	725	0
Finch U Hlth Sci	5,008	0	0	0	0	0	0	0	4,882	0	126	0
Illinois Benedictine Col	37	0	0	0	0	0	0	0	0	37	0	0
Illinois Inst of Tech	4,330	0	0	2,045	100	0	138	142	948	161	796	0
Illinois State University	1,223	257	0	0	0	0	0	0	572	0	394	0

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Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Illinois, continued:												
Illinois Wesleyan U	54	0	0	0	0	0	0	0	0	54	0	0
John A Logan College	11	0	0	0	0	0	0	0	11	0	0	0
Joliet Jr College	120	0	0	0	0	0	0	0	0	0	120	0
Knox College	195	0	0	0	0	0	0	0	39	0	156	0
Lake Forest College	160	0	0	0	0	0	0	0	0	0	160	0
Loyola U Chicago	9,618	4	0	214	0	0	0	242	7,971	0	1,187	0
Midwestern University	119	0	0	0	0	0	0	0	119	0	0	0
Northeastern Illinois U	114	0	0	0	0	114	0	0	0	0	0	0
Northern Illinois U	5,309	149	0	278	0	948	233	0	1,057	0	2,591	53
Northwestern University	82,636	50	0	11,414	50	1,396	3,546	0	44,625	1,442	18,821	1,292
Rush University	733	0	0	0	0	0	0	0	733	0	0	0
Sangamon State University	34	0	0	0	0	0	0	0	0	0	34	0
Southern IL U Carbondale	8,790	872	0	0	0	0	1,194	0	5,969	18	605	132
Southern IL U Edwardsville	5,402	0	0	0	0	0	0	0	4,669	0	733	0
Southern IL University	153	15	0	0	0	0	0	0	134	0	0	4
Trinity Evangel Div Schl	135	0	0	0	0	135	0	0	0	0	0	0
U IL Central Office	933	262	0	248	0	145	152	0	126	0	0	0
U IL Chicago	55,202	248	1,653	2,686	1,151	525	1,235	157	41,435	310	5,802	0
U IL Urbana Champaign	116,116	8,611	25	13,064	397	1,407	11,951	45	21,016	3,074	56,260	266
University of Chicago	99,378	107	108	3,212	30	180	4,351	0	65,607	6,075	19,708	0
Western Illinois U	835	134	0	54	0	200	0	78	0	0	369	0
Indiana, total	172,670	11,622	749	11,135	217	511	18,212	669	79,197	4,164	43,815	2,379
Ball State University	524	30	0	0	0	0	0	0	392	0	102	0
Col Court Report Hobart	200	0	0	0	0	200	0	0	0	0	0	0
De Pauw University	16	0	0	0	0	0	0	0	0	16	0	0
Earlham College	47	0	0	0	0	0	0	0	0	47	0	0
Indiana St U All Campuses	589	4	0	0	0	0	0	0	103	38	438	6
Indiana University	81,374	264	530	2,655	0	301	3,436	282	53,548	812	18,723	823
Manchester College	12	0	0	0	0	0	0	0	0	12	0	0
Purdue University	74,920	11,321	161	7,148	217	10	10,882	262	21,472	2,632	19,265	1,550
Rose Hulman Inst of Tech	99	0	0	0	0	0	0	0	0	17	82	0
St Marys Col IN	3	3	0	0	0	0	0	0	0	0	0	0
U Indianapolis	18	0	0	0	0	0	0	0	0	0	18	0
University of Notre Dame	14,654	0	58	1,332	0	0	3,744	125	3,682	526	5,187	0
Valparaiso University	214	0	0	0	0	0	150	0	0	64	0	0
Iowa, total	132,338	15,025	627	4,427	660	1,587	6,366	1,837	75,410	6,453	13,248	6,698
Coe College	133	0	0	0	0	0	0	0	0	0	110	23
Divine Word College	29	0	0	0	0	0	0	0	0	0	29	0
Dordt College	52	0	0	0	0	0	0	0	0	0	52	0
Drake University	180	0	0	0	0	0	0	0	88	59	33	0
Graceland College	23	0	0	0	0	0	0	0	0	0	23	0
Grinnell College	54	0	0	0	0	0	0	14	0	0	40	0
Iowa State University	41,468	14,550	440	1,705	0	400	5,350	1,063	5,150	958	6,619	5,233

See explanatory information, if any, and SOURCE at end of table.

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[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Iowa, continued:												
Kirkwood Community Col	256	0	0	0	0	0	0	0	256	0	0	0
Luther College	41	0	0	0	0	0	0	0	0	0	41	0
Maharishi Intl University	801	0	0	0	0	0	0	0	754	0	47	0
St Ambrose University	22	0	0	0	0	0	0	0	0	0	22	0
U Northern Iowa	1,044	0	0	0	0	200	0	700	0	29	115	0
University of Iowa	87,875	475	187	2,722	660	987	679	60	69,162	5,407	6,094	1,442
Upper Iowa University	337	0	0	0	0	0	337	0	0	0	0	0
William Penn College	23	0	0	0	0	0	0	0	0	0	23	0
Kansas, total	62,468	6,216	0	9,929	0	2,123	3,769	2,060	25,873	2,063	8,975	1,460
Emporia State University	26	0	0	0	0	0	0	0	0	26	0	0
Kansas City Kansas CC	1	0	0	0	0	0	0	0	0	0	0	1
Kansas State University	26,236	6,082	0	8,250	0	37	2,937	1,854	2,597	1,056	3,097	326
Pittsburg State U	200	0	0	0	0	0	0	0	0	0	200	0
Seward County Cmty Col	458	0	0	0	0	458	0	0	0	0	0	0
University of Kansas	33,522	134	0	1,614	0	1,628	832	206	22,710	921	5,344	133
Wichita State University	2,025	0	0	65	0	0	0	0	566	60	334	1,000
Kentucky, total	58,818	9,515	56	1,218	0	0	5,408	776	33,086	698	7,721	340
Berea College	21	0	0	0	0	0	0	0	0	0	21	0
Centre College	8	0	0	0	0	0	0	0	0	0	8	0
Eastern Kentucky U	291	0	0	0	0	0	0	0	81	0	210	0
Kentucky State University	2,650	2,650	0	0	0	0	0	0	0	0	0	0
Murray State University	60	43	0	0	0	0	0	0	0	0	17	0
Northern Kentucky U	326	0	0	0	0	0	0	107	90	0	129	0
Transylvania University	131	0	0	0	0	0	0	0	105	0	26	0
University of Kentucky	46,594	6,822	56	597	0	0	4,831	669	25,985	266	7,028	340
University of Louisville	6,945	0	0	621	0	0	178	0	5,432	432	282	0
Western Kentucky U	1,792	0	0	0	0	0	399	0	1,393	0	0	0
Louisiana, total	96,200	7,500	637	17,697	202	438	8,501	4,771	43,415	1,506	7,329	4,204
Centenary College of LA	22	0	0	0	0	0	0	0	0	0	22	0
Dillard University	120	76	0	0	0	24	20	0	0	0	0	0
Grambling State U	617	0	0	205	0	0	0	0	186	0	180	46
LA St U System Office	142	68	0	0	0	0	0	0	0	0	0	74
LA U Marine Consortium	319	0	0	0	0	0	267	0	0	0	0	52
Louisiana College	10	10	0	0	0	0	0	0	0	0	0	0
Louisiana State U	58,197	5,622	637	14,801	0	0	2,703	3,620	23,198	1,250	5,060	1,306
Louisiana Tech University	456	165	0	142	0	0	0	0	0	0	149	0
Loyola U New Orleans	36	0	0	0	0	0	0	0	0	0	36	0
McNeese State University	67	0	0	0	0	0	0	0	0	0	67	0
Nicholls State University	5	0	0	0	0	0	0	0	0	0	5	0
Northeast Louisiana U	326	5	0	28	0	0	0	20	203	0	70	0
Northwest State U	50	50	0	0	0	0	0	0	0	0	0	0
Southeastern Louisiana U	383	0	0	0	36	247	0	0	0	0	100	0
Southern U & A&M College	4,724	1,228	0	1,146	166	167	0	391	964	45	502	115

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD re-search [1]	DoD devel-op-ment [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Louisiana, continued:												
Tulane University	27,238	75	0	1,062	0	0	5,090	375	17,350	91	842	2,353
U Southwestern Louisiana	2,083	184	0	224	0	0	0	0	1,001	120	296	258
Xavier University LA	1,405	17	0	89	0	0	421	365	513	0	0	0
Maine, total	13,572	4,414	1,401	348	0	629	1,420	1,544	717	175	2,544	380
Bates College	24	0	0	0	0	0	0	0	0	0	24	0
Bowdoin College	663	0	0	0	0	0	0	0	0	65	598	0
Colby College	13	0	0	0	0	0	0	0	0	13	0	0
College of the Atlantic	38	0	0	0	0	0	0	0	0	0	38	0
St Josephs Col ME	28	0	0	0	0	0	0	0	0	0	28	0
U Maine Augusta	1,249	0	0	0	0	0	1,249	0	0	0	0	0
U Maine Machias	39	0	0	0	0	39	0	0	0	0	0	0
U Maine Presque Isle	23	23	0	0	0	0	0	0	0	0	0	0
U Maine System Office	2,121	323	1,401	0	0	0	0	0	201	0	0	196
University of Maine	9,184	4,068	0	348	0	590	171	1,544	352	97	1,830	184
University of S Maine	190	0	0	0	0	0	0	0	164	0	26	0
Maryland, total	687,277	7,139	4,101	30,554	276,838	2,539	13,893	5,033	280,554	27,177	38,663	786
Allegany Community Col	12	0	0	0	0	0	0	0	0	0	12	0
Bowie State University	541	0	0	150	0	0	0	0	102	45	169	75
Catonsville Cmty College	1	0	0	0	0	0	0	0	0	0	0	1
Charles County Cmty Col	47	0	0	0	0	31	0	0	0	16	0	0
Col of Notre Dame MD	128	0	0	0	0	0	0	0	0	0	128	0
Garrett Community College	100	0	0	0	0	100	0	0	0	0	0	0
Goucher College	19	0	0	0	0	0	0	0	0	0	19	0
Howard Community College	150	0	0	0	0	0	0	0	0	0	150	0
Johns Hopkins University	543,873	170	230	17,033	274,750	1,906	5,442	377	223,725	9,802	10,438	0
Loyola College	88	0	0	0	0	0	0	0	0	0	88	0
Morgan State University	1,307	0	0	218	160	0	468	304	0	0	157	0
Mount St Marys Col MD	86	46	0	0	0	0	0	0	0	0	40	0
Prince Georges Cmty Col	146	0	0	0	0	0	0	0	0	0	146	0
Salisbury State U	34	10	7	0	0	0	0	0	0	0	17	0
St Marys Col MD	134	0	0	0	0	0	0	0	134	0	0	0
Towson State University	581	0	0	0	0	0	0	109	0	0	472	0
U MD Baltimore	49,992	0	75	1,177	888	0	0	590	46,641	0	621	0
U MD Baltimore County	7,293	293	60	313	0	0	263	73	2,136	416	3,739	0
U MD College Park	76,300	5,413	3,583	10,335	1,040	165	7,355	1,995	7,009	16,861	22,245	299
U MD Eastern Shore	1,956	1,197	0	52	0	337	0	0	370	0	0	0
U MD University Col	1,687	0	0	1,276	0	0	0	0	300	0	0	111
U Maryland Sys Admin	958	10	146	0	0	0	365	0	137	0	0	300
U of MD Center for EES	1,622	0	0	0	0	0	0	1,585	0	37	0	0
Washington College	44	0	0	0	0	0	0	0	0	0	44	0
Western Maryland College	178	0	0	0	0	0	0	0	0	0	178	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total [1]	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Massachusetts, total	782,288	18,160	2,910	161,856	11,378	3,771	70,955	9,688	313,125	49,460	134,817	6,168
Amherst College	803	0	0	16	0	0	0	0	240	0	547	0
Assumption College	97	0	0	0	0	0	0	0	97	0	0	0
Boston College	8,156	15	0	2,926	455	0	197	0	2,477	105	1,800	181
Boston University	102,642	50	0	32,349	3,721	2,830	3,119	609	48,617	1,593	9,705	49
Brandeis University	21,651	0	0	2,788	0	0	852	0	12,207	375	3,729	1,700
Bridgewater State College	204	0	0	0	0	0	0	0	76	0	128	0
Clark University	2,051	0	88	456	0	0	222	272	209	69	735	0
Col of Our Lady of Elms	171	0	0	0	0	0	0	0	96	0	75	0
Col of the Holy Cross	570	0	0	0	0	0	0	0	306	13	251	0
Emerson College	199	0	0	0	0	39	0	0	160	0	0	0
Endicott College	75	0	0	0	0	0	0	0	75	0	0	0
Five Colleges Inc	653	0	0	0	0	0	0	0	0	0	653	0
Greenfield Community Col	40	0	0	0	0	40	0	0	0	0	0	0
Hampshire College	270	0	0	0	0	39	0	0	0	0	231	0
Harvard University	169,173	127	0	10,000	0	0	5,252	2,509	125,405	6,200	19,438	242
Lesley College	152	0	0	0	0	0	0	0	0	0	152	0
MA Inst of Technology	251,845	597	1,535	58,148	50	180	56,291	1,926	51,403	38,437	40,864	2,414
Merrimack College	328	0	0	0	0	0	0	250	0	0	78	0
Mount Holyoke College	836	0	0	0	0	0	75	0	95	0	666	0
Mount Wachusett Cmty Col	30	0	0	0	0	30	0	0	0	0	0	0
New England Col Optometry	104	0	0	0	0	0	0	0	104	0	0	0
Northeastern University	26,197	0	0	17,552	0	56	369	348	3,014	0	4,858	0
Radcliffe College	1	0	0	0	0	0	0	0	0	0	0	1
Salem State College	76	0	0	0	0	0	0	0	76	0	0	0
Simmons College	445	0	0	0	0	0	0	0	445	0	0	0
Smith College	221	0	0	0	0	0	0	0	94	0	127	0
Springfield College MA	130	0	0	0	0	0	0	0	130	0	0	0
Tufts University	45,015	11,910	0	1,195	45	187	1,159	3,400	25,074	231	1,814	0
U MA Amherst	35,227	4,742	0	8,227	1,403	0	1,028	103	5,635	1,416	12,542	131
U MA Boston	3,749	200	0	707	0	299	206	50	1,612	0	675	0
U MA Central Office	634	146	110	0	0	0	0	0	0	0	0	378
U MA Dartmouth	1,245	0	0	0	0	0	0	0	110	0	1,135	0
U MA Lowell	3,505	75	0	878	412	71	402	98	1,103	0	466	0
U MA Worcester	34,574	248	0	315	202	0	0	0	32,846	0	963	0
Wellesley College	2,355	0	0	0	0	0	0	123	883	137	1,212	0
Wentworth Inst of Tech	1,861	0	0	248	1,613	0	0	0	0	0	0	0
Williams College	763	0	0	0	0	0	0	0	317	5	441	0
Woods Hole Oceangraphic	61,399	0	1,117	23,757	3,477	0	1,528	0	120	817	29,999	584
Worcester Polytech Inst	4,841	50	60	2,294	0	0	255	0	99	62	1,533	488
Michigan, total	368,972	15,629	707	24,602	2,612	4,188	14,909	7,327	195,433	38,993	60,888	3,684
Alma College	222	0	0	0	0	0	0	0	0	0	222	0
Andrews University	218	0	0	0	0	0	0	0	0	0	218	0
Calvin College	45	0	0	0	0	0	0	0	0	0	45	0
Central Michigan U	200	0	0	0	0	0	0	0	150	0	50	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Michigan, continued												
Cnsrtm Intl Earth Sci Info	27,000	0	0	0	0	0	0	0	0	27,000	0	0
Cranbrook Acad of Art	202	0	0	0	0	202	0	0	0	0	0	0
Eastern Michigan U	951	120	0	0	0	0	0	0	333	0	498	0
Ferris State University	106	0	0	0	0	0	0	0	106	0	0	0
GMI Engineering Mgt Inst	383	0	0	0	0	0	0	0	0	0	383	0
Grand Valley State U	402	0	0	0	0	188	0	25	0	74	104	11
Hope College	541	0	0	0	0	0	0	0	104	69	368	0
Kalamazoo College	248	0	0	0	0	0	0	0	171	0	77	0
Lawrence Technological U	10	0	0	0	0	0	0	0	0	0	10	0
Madonna University	87	0	0	0	0	0	0	0	0	0	87	0
Michigan State University	67,666	14,452	0	1,439	104	1,488	5,227	587	20,845	218	23,099	207
Michigan Tech University	7,297	397	0	1,921	782	0	897	963	0	359	1,834	144
Northern Michigan U	743	0	0	550	0	193	0	0	0	0	0	0
Oakland University	2,679	0	0	0	0	0	48	0	2,221	0	410	0
U of Detroit Mercy	1,599	80	0	144	0	0	0	1,200	46	0	129	0
University of Michigan	214,612	580	643	18,492	1,726	235	8,114	4,474	137,236	10,763	29,027	3,322
Wayne State University	40,172	0	64	1,959	0	498	525	0	33,701	499	2,926	0
West Shore Community Col	210	0	0	0	0	210	0	0	0	0	0	0
Western Michigan U	3,379	0	0	97	0	1,174	98	78	520	11	1,401	0
Minnesota, total	171,428	9,857	219	15,597	200	4,134	6,158	2,170	101,421	3,087	26,980	1,605
Augsburg College	860	0	0	219	0	0	0	0	0	0	641	0
Bemidji State University	130	0	0	0	0	0	0	0	95	35	0	0
Bethel College & Seminary	4	0	0	0	0	0	0	0	0	0	4	0
Carleton College	160	0	0	0	0	0	0	0	0	0	160	0
College of St Scholastica	96	0	0	0	0	0	0	0	96	0	0	0
Concordia Col Moorhead	65	0	0	0	0	0	0	0	0	0	65	0
Gustavus Adolphus College	90	0	0	0	0	0	0	0	0	0	90	0
Hamline University	100	0	0	0	0	0	0	0	0	0	100	0
Macalester College	177	0	0	0	0	0	0	0	0	0	177	0
Mankato State University	121	0	0	0	0	0	0	0	91	30	0	0
Moorhead State University	102	0	0	0	0	0	0	0	102	0	0	0
Normandale Community Col	220	0	0	0	0	220	0	0	0	0	0	0
Southwest State U	100	100	0	0	0	0	0	0	0	0	0	0
St Cloud State University	294	50	139	0	0	0	0	0	0	0	105	0
St Marys Col MN	10	0	0	0	0	0	0	0	0	0	10	0
St Olaf College	164	0	0	0	0	0	0	0	23	0	141	0
St Paul Tech College	6	6	0	0	0	0	0	0	0	0	0	0
U of St Thomas MN	25	0	0	0	0	0	0	0	0	0	25	0
University of Minnesota	168,675	9,701	80	15,378	200	3,914	6,158	2,170	101,014	3,022	25,433	1,605
Winona State University	29	0	0	0	0	0	0	0	0	0	29	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Mississippi, total	51,309	14,273	43	5,396	521	1,559	7,317	277	9,546	1,504	9,391	1,482
Alcorn State University	1,953	1,888	0	65	0	0	0	0	0	0	0	0
Hinds Cmty Col Raymond	369	0	0	0	0	369	0	0	0	0	0	0
Jackson State University	6,374	20	0	940	0	167	1,535	0	1,206	0	2,496	10
MS Gulf Cst CC Perkinstn	155	0	0	0	0	155	0	0	0	0	0	0
Mississippi State U	20,366	9,831	0	1,657	0	756	2,151	179	414	1,134	4,036	208
Mississippi Valley St U	131	0	0	0	0	112	0	0	0	19	0	0
Pearl River Cmty College	25	0	0	0	0	0	0	0	0	25	0	0
Rust College	188	25	0	0	163	0	0	0	0	0	0	0
U Southern Mississippi	5,845	1,227	43	1,729	0	0	151	0	560	100	2,035	0
University of Mississippi	15,903	1,282	0	1,005	358	0	3,480	98	7,366	226	824	1,264
Missouri, total	197,385	11,206	75	6,196	0	1,940	4,351	276	151,241	4,636	15,319	2,145
Avila College	51	0	0	0	0	0	0	0	0	0	50	1
Harris Stowe State Col	4	0	0	0	0	0	0	0	0	0	0	4
Kirksville Col Osteo Med	478	0	0	0	0	0	0	0	478	0	0	0
Lincoln University MO	1,887	1,869	0	0	0	0	0	0	0	0	0	18
North Central MO Col	1,117	0	0	0	0	0	0	0	1,117	0	0	0
Northeast Missouri St U	65	0	0	0	0	0	0	0	0	0	65	0
Northwest Missouri St U	220	0	0	0	0	220	0	0	0	0	0	0
Southeast Missouri St U	192	0	0	0	0	29	0	0	0	0	163	0
Southwest Missouri St U	341	0	0	0	0	0	0	0	0	0	341	0
St Louis Community Col	1	0	0	0	0	0	0	0	0	0	0	1
St Louis University	15,475	0	0	168	0	0	0	0	14,523	129	405	250
U Missouri Columbia	28,481	9,007	0	832	0	0	1,584	195	12,350	242	3,840	431
U Missouri Kansas City	4,694	0	0	281	0	0	103	0	4,199	0	103	8
U Missouri Rolla	6,127	0	0	1,425	0	0	449	0	232	403	2,579	1,039
U Missouri St Louis	2,606	120	0	365	0	0	0	31	858	0	1,232	0
U Missouri System Admin	2,436	98	75	0	0	1,691	193	0	74	0	0	305
Washington University	133,210	112	0	3,125	0	0	2,022	50	117,410	3,862	6,541	88
Montana, total	24,358	5,162	0	929	0	695	936	457	3,339	883	10,905	1,052
Blackfeet Community Col	1	0	0	0	0	0	0	0	0	0	0	1
Carroll College MT	8	8	0	0	0	0	0	0	0	0	0	0
MT State U Billings	43	0	0	0	0	0	0	0	0	33	10	0
MT State U Bozeman	15,587	4,381	0	929	0	65	46	336	1,849	334	7,151	496
MT Tech U of MT	141	8	0	0	0	0	0	0	0	0	59	74
Montana U Sys Sys Off	2,187	662	0	0	0	0	0	0	0	0	1,525	0
Salish Kootenai College	2	0	0	0	0	0	0	0	0	0	0	2
University of Montana	6,389	103	0	0	0	630	890	121	1,490	516	2,160	479
Nebraska, total	41,077	8,702	0	1,308	0	223	1,016	357	19,086	888	9,231	266
Chadron State College	1	0	0	0	0	0	0	0	0	0	0	1
Creighton University	4,336	0	0	0	0	127	105	0	3,687	0	417	0
Doane College	99	0	0	0	0	0	0	0	0	0	99	0
Peru State College	20	0	0	0	0	0	0	0	20	0	0	0

See explanatory information, if any, and SOURCE at end of table.

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Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Nebraska, continued:												
U NE Ctrl Admin Sys Off	707	150	0	0	0	0	533	0	0	0	0	24
U Nebraska Lincoln	23,205	8,552	0	1,308	0	96	128	357	3,198	860	8,465	241
U Nebraska Med Ctr Omaha	12,241	0	0	0	0	0	0	0	12,131	0	110	0
U Nebraska Omaha	468	0	0	0	0	0	250	0	50	28	140	0
Nevada, total	24,865	1,733	658	685	0	0	3,637	6,084	6,296	573	3,539	1,660
Cmty Col Southern Nevada	80	0	0	0	0	0	65	0	0	0	0	15
Desert Research Institute	7,484	20	0	0	0	0	2,130	3,781	0	333	1,190	30
U & Cmty Col NV Sys Off	623	0	598	0	0	0	0	0	0	0	0	25
U Nevada Las Vegas	4,765	274	0	485	0	0	1,110	1,907	460	10	405	114
U Nevada Reno	11,913	1,439	60	200	0	0	332	396	5,836	230	1,944	1,476
New Hampshire, total	62,959	2,609	764	3,551	0	190	1,569	1,310	33,533	10,323	8,821	289
Colby-Sawyer College	101	0	0	0	0	0	0	0	101	0	0	0
Dartmouth College	41,349	321	317	3,065	0	0	742	223	30,363	872	5,436	10
Franklin Pierce Law Ctr	7	0	0	0	0	0	7	0	0	0	0	0
Notre Dame College NH	40	0	0	0	0	40	0	0	0	0	0	0
U New Hampshire	21,342	2,288	447	486	0	150	820	1,087	3,069	9,451	3,385	159
U System of NH Sys Off	120	0	0	0	0	0	0	0	0	0	0	120
New Jersey, total	187,236	4,704	1,163	33,424	1,194	2,328	10,943	5,375	77,177	6,443	37,104	7,381
Drew University	14	0	0	0	0	0	0	0	0	0	14	0
Essex County College	160	0	0	0	0	160	0	0	0	0	0	0
Fairleigh Dickinson U	34	0	0	0	0	0	0	0	0	0	34	0
Monmouth College NJ	2,372	0	0	2,300	0	0	0	0	0	0	72	0
NJ Inst of Technology	8,121	0	0	990	496	210	104	3,972	0	0	1,799	550
Passaic County Cmty Col	108	0	0	0	0	108	0	0	0	0	0	0
Princeton University	59,871	0	296	14,280	40	0	6,866	155	14,626	4,305	19,208	95
R Stockton State Col NJ	6	0	6	0	0	0	0	0	0	0	0	0
Raritan Valley Cmty Col	112	0	0	0	0	0	0	0	0	0	112	0
Rutgers the St U of NJ	70,059	4,704	861	14,063	433	1,503	3,611	679	22,452	1,692	13,350	6,711
Seton Hall University	1,049	0	0	0	0	148	0	229	607	0	65	0
Stevens Institute of Tech	3,387	0	0	1,710	225	0	297	0	0	84	1,046	25
Trenton State College	79	0	0	0	0	0	0	0	0	0	79	0
U Med & Dent of NJ	41,788	0	0	81	0	199	65	340	39,416	362	1,325	0
William Paterson College	76	0	0	0	0	0	0	0	76	0	0	0
New Mexico, total	112,115	3,702	59	38,466	9,568	201	7,859	202	15,483	24,249	10,835	1,491
College of Santa Fe	80	0	0	0	0	0	0	0	0	0	0	80
Eastern New Mexico U	29	0	0	29	0	0	0	0	0	0	0	0
NM Inst Mining & Tech	8,349	150	0	5,283	57	0	1,247	0	0	49	966	597
New Mexico Highlands U	557	0	0	209	0	164	0	0	0	28	156	0
New Mexico State U	47,265	3,552	59	4,755	6,576	0	4,973	62	2,135	21,210	3,208	735
San Juan College	8	0	0	0	0	0	0	0	0	0	0	8
University of New Mexico	55,827	0	0	28,190	2,935	37	1,639	140	13,348	2,962	6,505	71

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
New York, total	941,509	15,677	1,547	62,652	2,945	1,492	59,686	13,899	596,756	25,936	155,181	5,738
Adelphi University	152	0	0	0	0	0	0	0	152	0	0	0
Albany Col of Pharmacy	94	0	0	0	0	0	0	0	94	0	0	0
Albany Medical College	7,661	0	0	0	0	0	0	150	7,511	0	0	0
Alfred University	1,096	0	62	469	0	0	276	0	0	0	289	0
Bank Street Col of Ed	74	0	0	0	0	0	0	0	0	0	74	0
Barnard College	984	0	0	93	0	0	0	0	714	0	177	0
CUNY Bernard Baruch Col	398	0	0	379	0	0	0	0	0	0	19	0
CUNY Bronx Cmty College	324	0	0	0	0	0	0	0	324	0	0	0
CUNY Brooklyn College	1,259	0	0	0	0	0	127	0	484	50	598	0
CUNY City College	9,844	0	0	1,200	0	0	719	100	2,344	415	4,166	900
CUNY Col Staten Island	349	0	0	0	0	0	35	0	269	40	5	0
CUNY Grad Schl & U Ctr	2,431	0	0	12	0	0	0	0	1,603	0	816	0
CUNY H H Lehman College	1,261	0	0	0	0	0	35	0	274	0	952	0
CUNY Hostos Cmty College	59	0	0	0	0	0	0	0	0	0	59	0
CUNY Hunter College	3,891	0	0	546	0	0	0	0	2,534	0	811	0
CUNY J Jay Col Crim Just	138	0	0	0	0	0	0	0	0	0	138	0
CUNY Laguardia Cmty Col	310	0	0	0	0	0	0	0	310	0	0	0
CUNY Mt Sinai Schl of Med	43,638	0	0	0	0	0	95	0	42,977	384	182	0
CUNY NY City Tech Col	333	0	0	0	0	0	233	0	0	0	100	0
CUNY Queens College	1,646	0	0	362	0	0	92	0	877	0	315	0
CUNY Queensboro Cmty Col	303	0	0	0	0	0	0	0	0	0	303	0
CUNY System Office	3,080	0	0	1,795	0	0	0	0	0	132	1,153	0
Clarkson University	5,389	0	0	1,151	0	0	327	174	302	1,981	1,454	0
Colgate University	662	0	0	0	0	0	0	0	183	0	479	0
College of St Rose	117	0	0	0	0	0	0	0	0	0	117	0
Columbia U Central Off	710	0	0	0	0	0	0	0	710	0	0	0
Columbia U City New York	194,910	10	1,377	9,272	0	0	15,589	10,091	120,682	6,446	30,549	894
Cooper Union	150	0	0	0	0	0	0	0	0	50	100	0
Cornell University	174,226	13,009	108	17,201	455	0	4,727	245	77,280	7,300	53,066	835
D'Youville College	28	0	0	0	0	28	0	0	0	0	0	0
Elmira College	226	0	0	0	0	0	0	0	0	0	226	0
Fordham University	2,256	0	0	0	0	0	0	0	1,707	0	549	0
Hamilton College	106	0	0	0	0	0	0	0	0	0	106	0
Hartwick College	38	0	0	0	0	0	0	0	0	0	38	0
Hobart Wm Smith Colleges	15	0	0	0	0	0	0	0	0	0	15	0
Hofstra University	592	0	0	0	0	0	0	0	137	101	354	0
Iona College	158	0	0	0	0	28	0	0	0	0	130	0
Ithaca College	676	0	0	0	0	0	0	0	0	0	676	0
Long Island University	272	0	0	0	0	0	0	0	0	0	272	0
Manhattan College	269	0	0	0	0	0	0	189	0	0	80	0
New School Social Rsch	216	0	0	0	0	0	0	0	176	0	40	0
New York Inst Technology	453	0	0	375	0	0	0	0	78	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
New York, continued:												
New York Medical College	14,513	156	0	0	0	1,055	0	0	13,203	0	99	0
New York University	77,694	70	0	4,778	0	150	3,799	1,018	62,606	359	4,914	0
Niagara University	97	0	0	0	0	0	0	0	66	31	0	0
Pace University	324	0	0	0	0	0	39	0	285	0	0	0
Polytechnic University	6,216	0	0	2,759	174	0	402	0	0	466	2,415	0
Pratt Institute	4	0	0	0	0	0	0	0	0	0	4	0
Rensselaer Polytech Inst	21,296	215	0	7,535	411	0	2,426	545	1,117	2,012	6,925	110
Rochester Inst Technology	1,033	0	0	0	0	0	0	0	800	38	195	0
Rockefeller University	35,184	0	0	364	56	0	1,101	120	32,720	41	782	0
Russell Sage College	119	0	0	0	0	0	0	0	0	0	119	0
SUNY Col Brockport	559	0	0	0	0	0	0	0	0	0	559	0
SUNY Col Buffalo	693	0	0	0	0	0	0	0	512	95	86	0
SUNY Col Cortland	114	0	0	0	0	0	0	0	0	0	114	0
SUNY Col Env Sci & Forest	555	448	0	0	0	0	0	0	0	0	107	0
SUNY Col Geneseo	190	0	0	0	0	0	0	0	0	0	190	0
SUNY Col Old Westbury	418	0	0	0	0	0	0	0	0	0	418	0
SUNY Col Oneonta	50	0	0	0	0	0	0	0	0	0	50	0
SUNY Col Oswego	154	0	0	0	0	0	0	0	0	0	154	0
SUNY Col Plattsburgh	235	0	0	0	0	0	0	0	199	36	0	0
SUNY Col Tech Delhi	63	0	0	0	0	0	0	0	0	0	63	0
SUNY Col of Optometry	166	0	0	0	0	0	0	0	166	0	0	0
SUNY Dutchess Cmty Col	115	0	0	0	0	0	0	0	0	0	115	0
SUNY Fashion Inst Tech	919	0	0	0	884	0	0	0	0	0	35	0
SUNY Hlth Sci Ctr Brookly	13,321	0	0	0	0	0	0	0	13,064	0	257	0
SUNY Hlth Sci Ctr Syracus	7,850	0	0	0	0	0	327	0	7,363	0	160	0
SUNY Inst Tech Utica Rome	109	0	0	0	0	0	0	0	0	0	109	0
SUNY Maritime College	1,310	0	0	0	0	0	1,310	0	0	0	0	0
SUNY Nassau Cmty College	55	0	0	0	0	0	0	0	0	0	55	0
SUNY Purchase Col	120	0	0	0	0	0	0	0	0	55	65	0
SUNY Suffolk Co Cmty Col	150	0	0	0	0	0	0	0	0	0	150	0
SUNY System Office	7,863	0	0	4,488	38	0	0	0	230	0	265	2,842
SUNY at Albany	14,024	1,106	0	462	0	0	307	577	7,617	999	2,954	2
SUNY at Binghamton	4,392	100	0	182	50	0	43	0	1,217	306	2,384	110
SUNY at Buffalo	31,355	351	0	557	0	0	730	545	23,697	384	5,091	0
SUNY at Stony Brook	58,590	14	0	3,437	0	0	5,362	145	32,222	2,205	15,185	20
Siena College	253	120	0	0	0	0	0	0	0	0	133	0
St Johns University NY	874	0	0	0	0	0	0	0	874	0	0	0
St Lawrence University	9	0	0	0	0	0	0	0	0	0	9	0
Syracuse University	14,010	25	0	798	627	0	1,236	0	7,140	468	3,691	25
Teachers Col Columbia U	1,533	0	0	0	0	231	0	0	1,302	0	0	0
U State of NY Regents Col	157	0	0	0	0	0	157	0	0	0	0	0
Union College NY	45	0	0	0	0	0	0	0	0	0	45	0
University of Rochester	98,935	53	0	3,996	250	0	20,192	0	64,882	1,542	8,020	0
Vassar College	422	0	0	124	0	0	0	0	0	0	298	0
Yeshiva University NY	64,627	0	0	317	0	0	0	0	63,752	0	558	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
North Carolina, total	385,188	15,120	3,433	22,446	1,361	4,392	9,356	10,553	266,096	6,191	40,656	5,584
Appalachian St University	298	0	0	0	0	0	0	0	0	34	264	0
Barber Scotia College	238	0	0	0	0	24	18	0	0	0	196	0
Bennett College NC	206	0	0	0	0	0	0	0	0	0	206	0
Chowan College	34	0	0	0	0	0	0	0	0	0	34	0
Davidson College	247	0	0	0	0	0	0	0	167	0	80	0
Duke University	138,839	745	0	6,131	630	0	5,015	1,967	110,720	552	12,689	390
East Carolina University	4,998	0	87	910	0	0	0	0	3,191	48	742	20
Elizabeth City State U	257	0	0	0	0	207	0	0	0	0	50	0
Fayetteville State U	112	0	0	0	0	0	0	0	0	0	112	0
Guilford College	32	0	0	0	0	0	0	0	0	32	0	0
Haywood Cmty College	17	17	0	0	0	0	0	0	0	0	0	0
Livingstone College	306	0	0	0	0	306	0	0	0	0	0	0
NC Ag & Tech State U	11,284	2,799	0	3,858	573	0	306	0	42	1,811	673	1,222
NC State U Raleigh	50,661	10,692	1,292	6,665	158	655	2,497	3,343	6,074	3,203	14,826	1,256
North Carolina Central U	521	0	0	276	0	0	0	0	165	0	0	80
Shaw University	74	20	0	54	0	0	0	0	0	0	0	0
U NC Asheville	193	2	0	0	0	0	25	0	0	43	123	0
U NC Chapel Hill	129,071	796	41	3,598	0	1,289	1,381	5,146	107,472	269	8,751	328
U NC Charlotte	1,987	0	222	736	0	0	114	40	0	139	736	0
U NC General Admin Off	2,356	0	68	0	0	0	0	0	0	0	0	2,288
U NC Greensboro	3,057	19	0	74	0	1,598	0	57	1,075	0	234	0
U NC Wilmington	2,289	0	1,502	79	0	0	0	0	173	0	535	0
Wake Forest University	37,768	0	221	65	0	0	0	0	37,017	60	405	0
Western Carolina U	343	30	0	0	0	313	0	0	0	0	0	0
North Dakota, total	20,995	8,867	0	1,000	287	136	5,390	1,600	2,294	62	870	489
Jamestown College	136	0	0	0	0	136	0	0	0	0	0	0
Mayville State University	342	0	0	0	0	0	0	0	342	0	0	0
Minot State University	292	0	0	0	0	0	0	0	292	0	0	0
North Dakota State U	9,752	7,234	0	1,000	88	0	0	0	544	0	526	360
University of N Dakota	10,473	1,633	0	0	199	0	5,390	1,600	1,116	62	344	129
Ohio, total	307,347	10,566	903	44,017	10,957	1,003	6,605	4,962	165,421	22,462	34,474	5,977
Antioch University	160	0	0	0	0	160	0	0	0	0	0	0
Baldwin Wallace College	123	0	0	0	0	0	0	0	0	123	0	0
Bowling Green State U	1,758	0	0	201	0	0	0	206	465	0	866	20
Case Western Reserve U	89,608	252	0	4,192	250	88	602	0	72,040	6,441	5,683	60
Central State U OH	1,139	0	0	596	262	0	24	0	0	253	0	4
Cincinnati Col Mort Sci	216	0	0	0	0	216	0	0	0	0	0	0
Cleveland State U	3,815	0	0	0	0	0	0	0	732	3,025	58	0
College of Wooster	137	0	0	0	0	0	0	0	0	120	17	0
Cuyahoga Cmty Col	436	0	0	0	0	39	0	91	0	306	0	0
Denison University	104	6	0	0	0	0	47	0	0	51	0	0
Heidelberg College	20	0	0	0	0	0	0	0	0	20	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Ohio, continued:												
John Carroll University	303	0	0	0	0	0	0	0	0	259	44	0
Kent State University	4,766	0	0	214	0	0	207	0	628	413	3,304	0
Kenyon College	245	0	0	0	0	0	0	0	101	50	94	0
Lorain County Cmty Col	20	0	0	0	0	0	0	0	0	20	0	0
Marietta College	16	0	0	0	0	0	0	0	0	0	16	0
Medical College OH Toledo	7,256	0	0	250	0	0	0	0	6,652	0	354	0
Miami University OH	3,056	425	0	0	0	340	39	249	619	0	1,377	7
N E Ohio U Col of Med	1,011	0	0	0	0	0	0	0	1,011	0	0	0
Oberlin College	1,076	0	0	0	0	0	0	0	409	0	667	0
Ohio Northern University	51	0	0	0	0	0	0	0	0	0	51	0
Ohio State University	84,121	9,745	891	5,838	70	0	4,351	276	36,459	4,495	16,110	5,886
Ohio University	2,791	110	12	373	0	0	573	51	545	404	723	0
Ohio Wesleyan University	200	0	0	66	0	0	0	0	0	0	134	0
Sinclair Community Col	87	0	0	0	0	0	0	0	0	0	87	0
University of Akron	3,302	23	0	310	0	160	0	0	624	1,369	816	0
University of Cincinnati	51,936	0	0	3,523	210	0	637	3,684	38,841	2,171	2,870	0
University of Dayton	37,065	0	0	26,072	9,979	0	0	370	87	338	219	0
University of Toledo	3,096	0	0	94	0	0	125	0	478	2,101	298	0
Wilberforce University	433	5	0	0	0	0	0	0	0	428	0	0
Wittenberg University	25	0	0	0	0	0	0	0	0	25	0	0
Wright State University	8,788	0	0	2,288	186	0	0	35	5,543	50	686	0
Xavier University OH	122	0	0	0	0	0	0	0	122	0	0	0
Youngstown St University	65	0	0	0	0	0	0	0	65	0	0	0
Oklahoma, total	45,077	7,084	0	3,187	2,100	902	6,572	1,091	14,477	400	8,305	959
Cameron University	50	0	0	50	0	0	0	0	0	0	0	0
Carl Albert State Col	200	0	0	0	0	200	0	0	0	0	0	0
East Central University	113	0	0	0	0	0	0	113	0	0	0	0
Langston University	1,589	1,582	0	0	0	0	7	0	0	0	0	0
Northeastern State U	25	0	0	0	0	0	0	0	25	0	0	0
Oklahoma State University	14,777	5,250	0	1,830	2,100	0	384	429	1,237	0	3,334	213
Redlands Cmty College	9	9	0	0	0	0	0	0	0	0	0	0
U of Central Oklahoma	49	49	0	0	0	0	0	0	0	0	0	0
University of Oklahoma	25,668	145	0	1,166	0	702	4,771	518	12,976	400	4,269	721
University of Tulsa	2,597	49	0	141	0	0	1,410	31	239	0	702	25
Oregon, total	130,083	14,015	912	13,147	313	3,251	5,056	3,323	57,380	3,599	24,842	4,245
Central Oregon Cmty Col	593	0	0	0	0	0	0	0	593	0	0	0
Eastern Oregon St College	222	172	0	0	0	0	0	0	0	0	50	0
Linfield College	191	0	0	151	0	0	0	0	0	0	40	0
Mount Hood Community Col	1,268	0	0	0	0	0	0	0	1,268	0	0	0
Oregon Grad Inst Sci Tech	10,207	0	0	5,067	285	0	609	182	1,633	192	2,139	100
Oregon Hlth Sciences U	37,898	150	0	77	0	0	0	119	36,945	0	607	0
Oregon Institute of Tech	300	0	0	0	0	0	300	0	0	0	0	0
Oregon State University	53,999	13,274	912	6,686	28	0	1,311	2,856	7,066	3,085	15,267	3,514

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Oregon, continued:												
Portland State University	1,848	0	0	0	0	0	110	147	428	0	1,163	0
Reed College	326	0	0	0	0	0	43	0	0	40	243	0
Southern Oregon St Col	89	0	0	0	0	0	0	0	0	39	50	0
University of Oregon	22,756	419	0	1,166	0	3,095	2,562	0	9,357	243	5,283	631
University of Portland	140	0	0	0	0	0	121	19	0	0	0	0
Western Oregon State Col	246	0	0	0	0	156	0	0	90	0	0	0
Pennsylvania, total	708,093	13,182	129	119,162	36,098	9,796	24,882	3,093	386,196	19,656	84,740	11,159
Allegheny College	317	0	0	0	0	0	0	0	90	0	227	0
Alvernia College	22	0	0	0	0	0	0	0	0	0	0	22
Beaver College PA	21	0	0	0	0	0	0	0	0	0	21	0
Bryn Mawr College	695	0	0	0	0	0	0	0	227	0	468	0
Bucknell University	339	0	0	20	0	0	0	0	68	21	230	0
California U of PA	2,042	0	0	0	0	0	0	0	2,042	0	0	0
Carlow College	120	0	0	0	0	0	0	0	0	0	120	0
Carnegie Mellon U	73,474	0	25	28,685	2,009	0	6,488	422	9,459	3,813	20,697	1,876
Chatham College	40	0	0	0	0	40	0	0	0	0	0	0
Chestnut Hill College	79	0	0	0	0	0	0	0	0	0	79	0
Clarion U of PA	70	0	0	0	0	0	0	0	0	0	70	0
Delaware Valley College	103	29	0	0	0	0	0	0	0	0	74	0
Dickinson College	167	0	0	0	0	0	0	0	0	0	167	0
Drexel University	10,537	90	0	1,958	186	0	196	486	712	907	5,977	25
Duquesne University	1,052	355	0	76	0	0	0	0	311	0	310	0
Franklin & Marshall Col	352	0	0	0	0	0	0	0	0	9	343	0
Gettysburg College	281	0	0	0	0	0	0	0	0	0	281	0
Haverford College	344	0	0	0	0	0	0	0	0	0	344	0
Indiana U of PA	249	0	0	0	0	199	0	0	0	0	50	0
Juniata College	400	0	0	0	0	0	0	0	0	0	400	0
Kings College PA	73	0	0	0	0	0	0	0	0	0	73	0
Kutztown U of PA	23	0	0	0	0	0	0	0	0	0	23	0
Lafayette College	406	0	0	0	0	0	0	0	0	37	369	0
Lehigh University	16,247	205	0	4,102	72	0	2,654	324	537	363	7,265	725
Lincoln University PA	1,232	36	0	1,036	0	155	0	0	0	0	0	5
Lycoming College	547	0	0	0	0	0	0	0	547	0	0	0
Marywood College	10,000	0	0	10,000	0	0	0	0	0	0	0	0
Medical College PA	25,317	0	0	749	0	0	0	0	24,306	0	262	0
Millersville U of PA	120	50	0	0	0	0	0	0	0	0	70	0
Moravian College	23	0	0	23	0	0	0	0	0	0	0	0
Northampton Co Cmty Col	50	0	0	0	0	0	0	0	0	0	50	0
PA College of Optometry	276	0	0	0	0	0	0	0	276	0	0	0
PA Technical Institute	467	0	0	0	0	0	0	0	0	0	0	467
Pace Institute	866	0	0	0	0	0	866	0	0	0	0	0
Pennsylvania State U	173,070	11,595	58	46,994	30,045	1,364	5,866	1,300	36,663	12,939	18,215	8,031
Phila Col of Pharm & Sci	86	0	0	0	0	0	0	0	86	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Pennsylvania, continued:												
Phila Col of Text & Sci	25	0	0	0	0	0	0	0	0	0	25	0
Shippensburg U of PA	453	0	0	0	43	0	0	0	410	0	0	0
St Josephs University	71	0	0	0	0	0	0	0	0	0	71	0
St Vincent College & Sem	330	0	0	0	0	0	0	0	0	0	330	0
Susquehanna University	136	0	0	0	0	0	0	0	115	21	0	0
Swarthmore College	494	0	0	0	0	0	0	0	0	0	494	0
Temple University	25,097	0	0	291	63	1,823	431	0	21,259	0	1,229	1
Thomas Jefferson U	38,180	0	0	306	0	362	261	261	36,663	0	327	0
University of PA	186,002	697	46	19,819	2,102	2,976	6,620	75	136,570	343	16,747	7
University of Pittsburgh	136,780	75	0	5,103	1,578	2,841	1,500	225	115,470	990	8,998	0
University of Scranton	101	0	0	0	0	36	0	0	0	0	65	0
Ursinus College	22	0	0	0	0	0	0	0	0	0	22	0
Villanova University	704	0	0	0	0	0	0	0	282	211	211	0
West Chester U of PA	189	50	0	0	0	0	0	0	103	0	36	0
Westminster Col PA	2	0	0	0	0	0	0	0	0	2	0	0
Rhode Island, total	52,785	2,165	1,228	10,137	0	24	2,353	1,354	16,247	3,092	15,528	657
Brown University	34,483	150	41	8,058	0	0	2,216	0	12,607	1,858	9,378	175
Cmty Col Rhode Island	24	0	0	0	0	24	0	0	0	0	0	0
Rhode Island College	318	0	0	0	0	0	67	0	251	0	0	0
U Rhode Island	17,960	2,015	1,187	2,079	0	0	70	1,354	3,389	1,234	6,150	482
South Carolina, total	56,957	7,237	204	4,327	1,775	775	7,919	400	23,574	1,201	8,318	1,227
Benedict College	157	0	0	0	0	0	110	0	0	47	0	0
Citadel Military Col SC	5	0	0	0	0	0	0	0	0	5	0	0
Claflin College	227	0	0	0	0	141	86	0	0	0	0	0
Clemson University	15,296	5,202	0	1,507	1,575	0	2,717	0	336	874	2,273	812
College of Charleston	153	0	0	14	0	0	0	0	0	28	111	0
Erskine College	81	0	0	0	0	0	0	0	0	0	81	0
Francis Marion University	114	0	0	0	0	0	0	0	0	0	114	0
Furman University	239	0	0	0	0	0	0	0	0	0	239	0
Medical U of S Carolina	20,063	122	0	0	0	0	2,800	0	17,046	0	95	0
SC Sea Grant Consortium	9	0	9	0	0	0	0	0	0	0	0	0
South Carolina St U	2,287	1,622	0	121	0	137	407	0	0	0	0	0
U South Carolina	18,002	291	195	2,685	200	173	1,799	400	6,192	247	5,405	415
Voorhees College	324	0	0	0	0	324	0	0	0	0	0	0
South Dakota, total	9,979	3,113	0	53	0	55	0	149	1,328	713	4,025	543
Augustana College	178	68	0	0	0	0	0	0	0	0	110	0
Dakota State University	28	0	0	0	0	28	0	0	0	0	0	0
Kilian Community College	27	0	0	0	0	27	0	0	0	0	0	0
Oglala Lakota College	75	0	0	0	0	0	0	0	0	0	75	0
SD School Mines & Tech	2,102	4	0	53	0	0	0	0	0	628	1,343	74
Sioux Falls College	21	0	0	0	0	0	0	0	0	0	21	0
South Dakota State U	4,809	2,941	0	0	0	0	0	149	105	63	1,117	434
U SD System Office	35	0	0	0	0	0	0	0	0	0	0	35

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
South Dakota, continued:												
U South Dakota	2,704	100	0	0	0	0	0	0	1,223	22	1,359	0
Tennessee, total	152,856	8,615	115	10,935	295	1,302	12,834	568	99,172	4,762	11,853	2,405
Bristol University	115	0	115	0	0	0	0	0	0	0	0	0
Christian Brothers U	21	0	0	0	0	0	0	0	0	0	21	0
East Tennessee State U	820	0	0	0	0	0	0	0	784	6	30	0
Fisk University	1,759	0	0	175	0	115	0	0	0	857	107	505
Knoxville College	248	14	0	234	0	0	0	0	0	0	0	0
Lane College	44	0	0	0	0	25	19	0	0	0	0	0
Le Moyne Owen College	69	0	0	0	0	0	0	0	0	0	69	0
Meharry Medical College	6,214	0	0	185	0	0	173	0	4,863	0	993	0
Middle Tennessee St U	39	0	0	0	0	0	34	0	0	0	5	0
Rhodes College	25	0	0	0	0	0	0	0	0	0	25	0
Southern Col of Optometry	63	0	0	0	0	0	0	0	63	0	0	0
State Tech Inst Memphis	14	0	0	0	0	0	0	0	0	0	14	0
Tennessee State U	4,997	2,318	0	1,039	0	39	0	0	819	732	0	50
Tennessee Technological U	1,594	105	0	0	0	0	262	162	79	35	290	661
U TN U Wide Admin Ctrl	2,385	7	0	0	295	192	1,065	0	0	0	407	419
U Tennessee Chattanooga	63	0	0	0	0	31	0	0	0	0	32	0
U Tennessee Knoxville	28,833	6,058	0	2,907	0	0	9,927	406	4,092	592	4,750	101
U Tennessee Martin	231	0	0	132	0	0	0	0	0	0	99	0
U Tennessee Memphis	18,933	0	0	290	0	0	0	0	18,129	257	257	0
University of Memphis	4,293	3	0	318	0	0	75	0	2,624	121	533	619
University of the South	5	0	0	0	0	0	0	0	0	0	5	0
Vanderbilt University	82,091	110	0	5,655	0	900	1,279	0	67,719	2,162	4,216	50
Texas, total	606,459	28,622	1,281	63,452	26,695	1,673	27,455	10,002	337,634	34,788	71,274	3,583
Abilene Christian U	107	0	0	0	0	0	107	0	0	0	0	0
Alamo CC District	228	0	0	0	0	227	0	0	0	0	0	1
Baylor Col of Dentistry	612	0	0	0	0	0	0	0	612	0	0	0
Baylor Col of Medicine	88,276	9,000	0	441	70	0	1,375	169	76,310	911	0	0
Baylor University	2,213	0	0	283	0	335	0	0	0	209	1,321	65
El Paso Cmty College	1	0	0	0	0	0	0	0	0	0	0	1
Houston Community College	369	0	0	0	0	0	325	0	0	0	0	44
Huston Tillotson College	8	0	0	0	0	0	0	0	0	0	0	8
Jarvis Christian College	219	0	0	14	0	127	0	0	78	0	0	0
Lamar U Beaumont	2,810	0	0	0	0	0	0	2,500	0	270	40	0
Midwestern State U	6	6	0	0	0	0	0	0	0	0	0	0
Our Lady of the Lake U	190	0	0	190	0	0	0	0	0	0	0	0
Prairie View A&M U	4,916	2,935	0	217	0	0	600	0	0	1,058	35	71
Rice University	24,425	100	0	2,260	0	0	2,165	600	3,712	2,309	13,279	0
Sam Houston State U	10,138	68	0	10,000	0	0	0	0	0	0	70	0
Southern Methodist U	4,596	70	0	1,852	0	0	522	0	841	50	1,261	0
Southwest Texas St U	697	19	0	50	0	0	0	0	444	30	154	0
Stephen F Austin St U	262	262	0	0	0	0	0	0	0	0	0	0
Sul Ross State University	7	0	0	0	0	0	0	0	0	0	0	7

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Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Texas, continued:												
TX A&M U Kingsville	698	30	0	360	0	0	0	0	0	65	243	0
Tarleton State University	550	0	0	0	0	0	0	550	0	0	0	0
Texas A&M U Sys Off	2,401	0	0	0	0	0	1,174	0	258	50	0	919
Texas A&M University	65,174	13,732	1,063	6,629	100	0	4,143	1,614	14,042	3,753	18,684	1,414
Texas Christian U	2,397	0	0	103	0	0	0	0	1,498	0	796	0
Texas Southern U	2,277	0	0	0	0	235	0	200	1,229	603	10	0
Texas Southmost College	166	0	0	0	0	0	0	0	0	166	0	0
Texas Tech University	7,460	1,126	0	1,013	65	0	342	568	2,409	367	1,522	48
Texas Wesleyan University	36	0	0	0	0	36	0	0	0	0	0	0
Texas Womans University	72	0	0	0	0	0	0	0	72	0	0	0
Trinity University	925	60	0	0	0	0	0	0	463	0	402	0
U N TX Hlth Sci Ctr	3,482	0	0	0	0	0	0	0	3,366	60	56	0
U North Texas	3,057	0	0	943	0	197	150	679	100	75	913	0
U TX Arlington	3,498	0	0	1,163	155	150	225	0	110	230	1,465	0
U TX Austin	117,225	403	198	31,545	26,131	184	14,548	772	16,622	7,765	18,553	504
U TX Dallas	5,373	0	0	2,066	100	0	124	0	1,610	429	1,044	0
U TX El Paso	6,072	0	0	1,413	74	0	0	1,000	924	199	2,382	80
U TX Hlth Sci Ctr Houstn	37,465	212	0	446	0	0	376	479	34,686	535	731	0
U TX Hlth Sci Ctr S Anto	44,987	0	0	449	0	0	0	0	43,723	209	606	0
U TX MD Anderson Cancer	42,602	212	0	151	0	0	0	64	41,895	100	180	0
U TX Med Brnch Galveston	28,616	0	0	178	0	47	316	612	26,768	535	160	0
U TX Permian Basin	61	0	0	61	0	0	0	0	0	0	0	0
U TX SW Med Ctr Dallas	61,269	237	0	52	0	0	0	0	58,319	2,194	467	0
U TX San Antonio	1,632	0	0	175	0	0	42	0	315	116	984	0
U TX System Off	1,556	0	0	0	0	0	0	0	1,150	0	0	406
U of Houston	20,183	150	20	727	0	0	921	195	6,078	6,694	5,363	15
U of Houston Clear Lake	5,806	0	0	0	0	0	0	0	0	5,806	0	0
U of Houston Sys Admin	671	0	0	671	0	0	0	0	0	0	0	0
University of Dallas	469	0	0	0	0	0	0	0	0	0	469	0
Wiley College	199	0	0	0	0	135	0	0	0	0	64	0
Utah, total	123,154	3,376	280	15,150	18,576	756	4,709	2,053	55,854	2,491	15,895	4,014
Brigham Young University	5,573	124	0	783	0	0	341	0	1,241	244	2,771	69
Snow College	16	16	0	0	0	0	0	0	0	0	0	0
Southern Utah University	1,193	0	0	0	0	0	0	0	1,193	0	0	0
University of Utah	77,407	300	195	8,220	100	0	4,347	2,000	48,894	631	10,858	1,862
Utah State University	38,841	2,936	85	6,147	18,476	756	21	53	4,526	1,577	2,181	2,083
Utah Valley State College	20	0	0	0	0	0	0	0	0	20	0	0
Weber State University	104	0	0	0	0	0	0	0	0	19	85	0
Vermont, total	35,856	4,532	0	296	0	263	539	904	26,528	63	2,416	315
Bennington College	148	0	0	0	0	0	0	0	0	0	148	0
Burlington College	91	0	0	0	0	0	0	0	91	0	0	0
Lyndon State College	54	54	0	0	0	0	0	0	0	0	0	0
Middlebury College	423	0	0	0	0	0	0	0	110	18	295	0

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Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Vermont, continued:												
Norwich University	25	0	0	0	0	0	0	0	0	25	0	0
St Michaels College	707	0	0	0	0	0	0	0	0	0	707	0
University of Vermont	33,915	4,478	0	296	0	263	539	411	26,327	20	1,266	315
Vermont Law School	493	0	0	0	0	0	0	493	0	0	0	0
Virginia, total	200,585	8,926	1,437	20,625	2,339	696	7,448	1,924	93,544	22,282	30,490	10,874
College of William & Mary	6,754	29	1,020	884	0	0	301	88	155	2,278	1,773	226
Dabney Lancaster Cmty Col	9	9	0	0	0	0	0	0	0	0	0	0
Ferrum College	55	0	0	0	0	0	0	0	0	0	55	0
George Mason University	8,819	0	0	5,311	957	0	0	256	192	306	1,425	372
Hampden Sydney College	99	0	0	0	0	0	0	0	0	99	0	0
Hampton University	6,157	0	0	858	0	0	258	119	0	2,666	2,256	0
Hollins College	19	0	0	0	0	0	0	0	0	0	19	0
James Madison University	576	175	0	0	0	0	0	0	123	0	278	0
Longwood College	24	0	0	0	0	0	0	0	0	24	0	0
Lord Fairfax Cmty College	31	0	0	0	0	0	0	0	0	0	31	0
Mary Baldwin College	65	0	0	0	0	0	0	0	0	0	65	0
Med Col Hampton Roads	10,595	0	0	0	0	0	0	0	4,222	163	0	6,210
Mountain Empire Cmty Col	40	0	0	0	0	0	0	0	0	0	40	0
Norfolk State University	387	0	0	0	0	0	70	0	76	241	0	0
Old Dominion University	7,619	0	43	904	50	0	171	0	123	3,979	2,349	0
Radford University	18	0	0	0	0	0	0	0	0	0	18	0
University of Richmond	161	0	0	0	0	0	94	0	0	0	67	0
University of Virginia	79,221	3	206	4,482	1,172	0	3,140	320	48,389	7,946	12,190	1,373
VA Polytech Inst & St U	36,841	6,784	168	7,475	0	0	3,031	949	2,729	4,043	9,019	2,643
Virginia Commonwealth U	40,568	124	0	711	160	372	234	42	37,535	531	809	50
Virginia Military Inst	96	0	0	0	0	0	0	0	0	0	96	0
Virginia State University	2,107	1,802	0	0	0	0	149	150	0	6	0	0
Virginia Union University	324	0	0	0	0	324	0	0	0	0	0	0
Washington, total	285,524	14,050	2,441	23,819	4,657	979	15,939	1,303	167,390	9,416	42,216	3,314
Central Washington U	477	40	0	0	0	0	104	0	0	233	100	0
Centralia College	60	0	0	0	0	0	0	0	0	0	60	0
Clark College	10	0	0	0	0	0	0	0	0	0	10	0
Columbia Basin College	129	0	0	0	0	0	129	0	0	0	0	0
Eastern Washington U	2,275	0	0	0	0	0	0	0	1,945	0	144	186
Edmonds Community College	2,395	0	0	0	0	0	0	0	2,395	0	0	0
Evergreen State College	752	0	0	0	0	0	0	0	0	0	752	0
Gonzaga University	107	0	0	0	0	0	0	0	0	0	107	0
Heritage College	137	0	0	0	0	137	0	0	0	0	0	0
Lower Columbia College	845	0	0	0	0	0	0	0	845	0	0	0
Northwest Indian College	130	0	0	0	0	0	0	0	50	75	0	5
Olympic College	2	0	0	0	0	0	0	0	0	0	0	2
Pacific Lutheran U	24	0	0	0	0	0	0	0	0	0	24	0
Seattle Community College	71	0	0	0	0	0	0	0	0	0	70	1
Seattle Pacific U	24	0	0	24	0	0	0	0	0	0	0	0

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Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Washington, continued:												
Seattle University	98	0	0	0	0	0	0	0	0	0	98	0
Shoreline Community Col	24	0	0	0	0	0	0	0	0	0	24	0
Skagit Valley College	1,622	0	0	0	0	0	0	0	1,622	0	0	0
University of Washington	246,013	5,433	2,211	20,886	4,500	657	13,070	855	152,495	8,798	35,080	2,028
Walla Walla Community Col	28	0	0	0	0	28	0	0	0	0	0	0
Washington State U	29,541	8,566	180	2,799	157	157	2,636	448	7,857	279	5,424	1,038
Western Washington U	686	11	50	110	0	0	0	0	181	31	249	54
Whitman College	51	0	0	0	0	0	0	0	0	0	51	0
Whitworth College	23	0	0	0	0	0	0	0	0	0	23	0
West Virginia, total	41,053	4,439	0	10,888	31	210	5,705	2,500	8,520	3,605	2,736	2,419
Bluefield State College	76	0	0	0	0	0	0	0	0	0	0	76
Col of West Virginia	132	0	0	0	0	0	132	0	0	0	0	0
Concord College	181	0	0	0	0	0	0	0	181	0	0	0
Fairmont State College	94	1	0	0	0	0	0	0	0	29	64	0
Marshall University	1,800	40	0	81	0	0	0	0	1,346	170	103	60
West Virginia State Col	363	0	0	0	0	0	0	0	0	0	0	363
West Virginia U Morgantwn	35,439	4,398	0	10,807	31	0	5,573	2,500	6,993	648	2,569	1,920
Wheeling Jesuit College	2,968	0	0	0	0	210	0	0	0	2,758	0	0
Wisconsin, total	235,302	11,610	1,917	11,296	604	3,529	19,893	2,284	128,107	12,050	42,280	1,732
Beloit College	279	0	0	0	0	0	0	0	99	72	108	0
Carroll College WI	64	0	0	0	0	0	0	0	64	0	0	0
Lawrence University	225	0	0	0	0	0	0	0	114	0	111	0
Marquette University	2,127	0	0	0	0	200	102	0	743	462	560	60
Medical College WI	24,713	165	0	0	0	0	0	89	23,355	247	190	667
Milwaukee School of Eng	92	0	0	0	0	0	0	0	0	0	92	0
Ripon College	78	0	0	0	0	0	0	0	0	0	78	0
U WI Center System	3,776	0	0	25	0	0	345	0	3,406	0	0	0
U WI Eau Claire	394	0	0	0	0	0	0	0	0	0	394	0
U WI Green Bay	112	0	0	0	0	0	0	0	112	0	0	0
U WI La Crosse	33	0	0	0	0	0	0	0	0	3	30	0
U WI Madison	190,469	10,875	106	10,257	604	3,129	18,528	1,172	95,652	10,838	38,678	630
U WI Milwaukee	5,960	75	0	834	0	0	918	0	2,396	428	1,299	10
U WI Oshkosh	1,897	0	0	0	0	0	0	0	1,874	0	23	0
U WI River Falls	48	0	0	0	0	0	0	0	0	0	48	0
U WI Stevens Point	803	66	0	50	0	0	0	0	0	0	605	82
U WI Superior	1,186	0	0	99	0	0	0	1,023	0	0	64	0
U WI System Office	3,046	429	1,811	31	0	200	0	0	292	0	0	283
Wyoming, total	17,339	2,586	0	1,541	0	200	1,031	520	1,221	375	5,054	4,811
Northwest College	55	0	0	0	0	0	0	0	0	0	55	0
University of Wyoming	17,284	2,586	0	1,541	0	200	1,031	520	1,221	375	4,999	4,811

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Guam, total	1,438	1,102	0	0	0	0	0	0	0	0	135	201
University of Guam	1,438	1,102	0	0	0	0	0	0	0	0	135	201
Puerto Rico, total	24,864	4,189	350	1,786	0	463	26	211	8,160	383	9,195	101
Catholic U of PR	463	0	0	0	0	463	0	0	0	0	0	0
Inter Am U PR Metropol	265	0	0	0	0	0	0	0	0	0	265	0
Ponce School of Medicine	601	0	0	0	0	0	0	0	601	0	0	0
Sistema U Ana G Mendez	200	0	0	0	0	0	0	0	0	0	200	0
U Central Del Caribe	199	0	0	0	0	0	0	0	199	0	0	0
U PR Humacao U Col	8	0	0	0	0	0	0	0	0	0	8	0
U PR Mayaguez	6,556	4,189	0	463	0	0	6	0	0	219	1,578	101
U PR Medical Sci	6,810	0	0	219	0	0	0	0	6,119	52	420	0
U PR Rio Piedras	2,709	0	0	599	0	0	0	96	1,040	112	862	0
U PR System Off	6,891	0	350	505	0	0	20	0	201	0	5,815	0
U of the Sacred Heart	47	0	0	0	0	0	0	0	0	0	47	0
Universidad Metropolitana	115	0	0	0	0	0	0	115	0	0	0	0
American Samoa, total	679	679	0	0	0	0	0	0	0	0	0	0
American Samoa Cmty Col	679	679	0	0	0	0	0	0	0	0	0	0
Virgin Islands, total	1,210	1,018	0	0	0	0	0	0	85	0	0	107
U of the Virgin Islands	1,210	1,018	0	0	0	0	0	0	85	0	0	107
Trust Territory of the Pacific Islands, total	974	828	0	0	0	0	0	0	146	0	0	0
Col of Micronesia FSM	315	315	0	0	0	0	0	0	0	0	0	0
Northern Marianas College	659	513	0	0	0	0	0	0	146	0	0	0

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior.

KEY: Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993.

Table B-12. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	259,421	55,058	377	0	0	120,237	0	10,622	0	9,871	63,256	0
Alabama, total	10,002	0	2	0	0	10,000	0	0	0	0	0	0
U Alabama Birmingham	10,000	0	0	0	0	10,000	0	0	0	0	0	0
U South Alabama	2	0	2	0	0	0	0	0	0	0	0	0
Alaska, total	665	0	0	0	0	0	0	0	0	0	665	0
U Alaska Fairbanks	665	0	0	0	0	0	0	0	0	0	665	0
Arizona, total	1,302	1,067	0	0	0	235	0	0	0	0	0	0
University of Arizona	1,302	1,067	0	0	0	235	0	0	0	0	0	0
Arkansas, total	3,093	3,093	0	0	0	0	0	0	0	0	0	0
U Arkansas Main	3,093	3,093	0	0	0	0	0	0	0	0	0	0
California, total	29,549	2,498	10	0	0	2,366	0	551	0	0	24,124	0
California Inst of Tech	24,412	0	0	0	0	406	0	0	0	0	24,006	0
San Diego State U	3	0	3	0	0	0	0	0	0	0	0	0
San Francisco State U	7	0	7	0	0	0	0	0	0	0	0	0
U CA Berkeley	373	373	0	0	0	0	0	0	0	0	0	0
U CA Davis	2,125	2,125	0	0	0	0	0	0	0	0	0	0
U CA Irvine	263	0	0	0	0	263	0	0	0	0	0	0
U CA Los Angeles	277	0	0	0	0	170	0	107	0	0	0	0
U CA Riverside	105	0	0	0	0	105	0	0	0	0	0	0
U CA San Diego	311	0	0	0	0	193	0	0	0	0	118	0
U CA San Francisco	110	0	0	0	0	110	0	0	0	0	0	0
U CA Santa Barbara	543	0	0	0	0	511	0	32	0	0	0	0
U CA Santa Cruz	608	0	0	0	0	608	0	0	0	0	0	0
U Southern California	412	0	0	0	0	0	0	412	0	0	0	0
Colorado, total	878	0	0	0	0	738	0	0	0	0	140	0
Colorado State University	299	0	0	0	0	299	0	0	0	0	0	0
University of Colorado	579	0	0	0	0	439	0	0	0	0	140	0
Connecticut, total	12,426	0	0	0	0	12,246	0	180	0	0	0	0
University of Connecticut	10,000	0	0	0	0	10,000	0	0	0	0	0	0
Wesleyan University	180	0	0	0	0	0	0	180	0	0	0	0
Yale University	2,246	0	0	0	0	2,246	0	0	0	0	0	0
District of Columbia, total	412	0	0	0	0	0	0	412	0	0	0	0
Georgetown University	412	0	0	0	0	0	0	412	0	0	0	0
Florida, total	14,542	0	70	0	0	60	0	412	0	0	14,000	0
Florida State University	14,050	0	0	0	0	50	0	0	0	0	14,000	0
U South Florida	70	0	70	0	0	0	0	0	0	0	0	0
University of Florida	422	0	0	0	0	10	0	412	0	0	0	0
Georgia, total	2,948	1,807	129	0	0	600	0	412	0	0	0	0
Clark Atlanta University	100	0	100	0	0	0	0	0	0	0	0	0
Emory University	412	0	0	0	0	0	0	412	0	0	0	0
Georgia Institute of Tech	25	0	25	0	0	0	0	0	0	0	0	0
Savannah State College	365	365	0	0	0	0	0	0	0	0	0	0
University of Georgia	2,046	1,442	4	0	0	600	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-12. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Hawaii, total	3,538	3,213	0	0	0	325	0	0	0	0	0	0
U Hawaii Manoa	3,213	3,213	0	0	0	0	0	0	0	0	0	0
U Hawaii System Off	325	0	0	0	0	325	0	0	0	0	0	0
Idaho, total	485	485	0	0	0	0	0	0	0	0	0	0
University of Idaho	485	485	0	0	0	0	0	0	0	0	0	0
Illinois, total	1,774	501	0	0	0	325	0	948	0	0	0	0
Illinois Inst of Tech	264	0	0	0	0	0	0	264	0	0	0	0
Northwestern University	1,185	501	0	0	0	0	0	684	0	0	0	0
U IL Chicago	45	0	0	0	0	45	0	0	0	0	0	0
U IL Urbana Champaign	280	0	0	0	0	280	0	0	0	0	0	0
Indiana, total	13,386	2,090	0	0	0	11,076	0	220	0	0	0	0
Indiana University	13,009	2,090	0	0	0	10,699	0	220	0	0	0	0
Purdue University	307	0	0	0	0	307	0	0	0	0	0	0
University of Notre Dame	70	0	0	0	0	70	0	0	0	0	0	0
Iowa, total	592	0	0	0	0	592	0	0	0	0	0	0
Iowa State University	562	0	0	0	0	562	0	0	0	0	0	0
University of Iowa	30	0	0	0	0	30	0	0	0	0	0	0
Kansas, total	1,312	1,312	0	0	0	0	0	0	0	0	0	0
Kansas State University	1,312	1,312	0	0	0	0	0	0	0	0	0	0
Louisiana, total	10,000	0	0	0	0	10,000	0	0	0	0	0	0
Louisiana State U	10,000	0	0	0	0	10,000	0	0	0	0	0	0
Maine, total	753	753	0	0	0	0	0	0	0	0	0	0
University of Maine	753	753	0	0	0	0	0	0	0	0	0	0
Maryland, total	1,598	836	57	0	0	605	0	100	0	0	0	0
Johns Hopkins University	45	0	0	0	0	45	0	0	0	0	0	0
Salisbury State U	7	0	7	0	0	0	0	0	0	0	0	0
U MD Baltimore	100	0	0	0	0	0	0	100	0	0	0	0
U MD College Park	1,418	836	50	0	0	532	0	0	0	0	0	0
U Maryland Sys Admin	28	0	0	0	0	28	0	0	0	0	0	0
Massachusetts, total	10,505	0	10	0	0	7,047	0	675	0	125	2,648	0
Boston University	302	0	0	0	0	302	0	0	0	0	0	0
Harvard University	280	0	0	0	0	280	0	0	0	0	0	0
MA Inst of Technology	6,842	0	0	0	0	6,430	0	412	0	0	0	0
Northeastern University	35	0	0	0	0	35	0	0	0	0	0	0
Tufts University	263	0	0	0	0	0	0	263	0	0	0	0
U MA Amherst	125	0	0	0	0	0	0	0	0	125	0	0
U MA Central Office	6	0	6	0	0	0	0	0	0	0	0	0
Woods Hole Oceangraphic	2,652	0	4	0	0	0	0	0	0	0	2,648	0

See explanatory information, if any, and SOURCE at end of table.

Table B-12. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Michigan, total	16,180	14,561	0	0	0	1,149	0	470	0	0	0	0
Michigan State University	15,076	14,561	0	0	0	515	0	0	0	0	0	0
University of Michigan	634	0	0	0	0	634	0	0	0	0	0	0
Wayne State University	470	0	0	0	0	0	0	470	0	0	0	0
Minnesota, total	526	0	0	0	0	114	0	412	0	0	0	0
University of Minnesota	526	0	0	0	0	114	0	412	0	0	0	0
Mississippi, total	190	180	0	0	0	10	0	0	0	0	0	0
University of Mississippi	190	180	0	0	0	10	0	0	0	0	0	0
Missouri, total	84	0	0	0	0	84	0	0	0	0	0	0
Washington University	84	0	0	0	0	84	0	0	0	0	0	0
Montana, total	888	888	0	0	0	0	0	0	0	0	0	0
MT State U Bozeman	888	888	0	0	0	0	0	0	0	0	0	0
Nevada, total	397	209	0	0	0	188	0	0	0	0	0	0
U Nevada Las Vegas	188	0	0	0	0	188	0	0	0	0	0	0
U Nevada Reno	209	209	0	0	0	0	0	0	0	0	0	0
New Jersey, total	13,418	2,544	0	0	0	10,797	0	77	0	0	0	0
Princeton University	712	0	0	0	0	712	0	0	0	0	0	0
Rutgers the St U of NJ	2,629	2,544	0	0	0	85	0	0	0	0	0	0
U Med & Dent of NJ	10,077	0	0	0	0	10,000	0	77	0	0	0	0
New Mexico, total	20	0	0	0	0	20	0	0	0	0	0	0
University of New Mexico	20	0	0	0	0	20	0	0	0	0	0	0
New York, total	42,911	0	0	0	0	24,091	0	1,391	0	0	17,429	0
Columbia U City New York	1,983	0	0	0	0	205	0	412	0	0	1,366	0
Cornell University	16,535	0	0	0	0	0	0	613	0	0	15,922	0
New York University	141	0	0	0	0	0	0	0	0	0	141	0
Rockefeller University	41	0	0	0	0	41	0	0	0	0	0	0
SUNY Col Plattsburgh	131	0	0	0	0	0	0	131	0	0	0	0
SUNY Hlth Sci Ctr Brookly	235	0	0	0	0	0	0	235	0	0	0	0
SUNY at Stony Brook	55	0	0	0	0	55	0	0	0	0	0	0
University of Rochester	23,790	0	0	0	0	23,790	0	0	0	0	0	0
North Carolina, total	5,230	3,573	72	0	0	705	0	880	0	0	0	0
Duke University	705	0	0	0	0	705	0	0	0	0	0	0
U NC Chapel Hill	880	0	0	0	0	0	0	880	0	0	0	0
U NC Wilmington	72	0	72	0	0	0	0	0	0	0	0	0
Wake Forest University	3,573	3,573	0	0	0	0	0	0	0	0	0	0
North Dakota, total	4,340	4,340	0	0	0	0	0	0	0	0	0	0
Minot State University	2,114	2,114	0	0	0	0	0	0	0	0	0	0
North Dakota State U	418	418	0	0	0	0	0	0	0	0	0	0
University of N Dakota	1,808	1,808	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-12. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Ohio, total	1,086	497	0	0	0	212	0	377	0	0	0	0
Ohio State University	212	0	0	0	0	212	0	0	0	0	0	0
University of Akron	52	0	0	0	0	0	0	52	0	0	0	0
University of Cincinnati	325	0	0	0	0	0	0	325	0	0	0	0
University of Toledo	497	497	0	0	0	0	0	0	0	0	0	0
Oklahoma, total	35	0	0	0	0	35	0	0	0	0	0	0
University of Oklahoma	35	0	0	0	0	35	0	0	0	0	0	0
Oregon, total	13,056	1,769	0	0	0	10,000	0	102	0	0	1,185	0
Oregon Hlth Sciences U	10,102	0	0	0	0	10,000	0	102	0	0	0	0
Oregon State University	2,879	1,769	0	0	0	0	0	0	0	0	1,110	0
University of Oregon	75	0	0	0	0	0	0	0	0	0	75	0
Pennsylvania, total	11,535	0	0	0	0	10,844	0	691	0	0	0	0
Carnegie Mellon U	130	0	0	0	0	130	0	0	0	0	0	0
Drexel University	12	0	0	0	0	12	0	0	0	0	0	0
Medical College PA	10,000	0	0	0	0	10,000	0	0	0	0	0	0
PA College of Optometry	160	0	0	0	0	0	0	160	0	0	0	0
Pennsylvania State U	531	0	0	0	0	0	0	531	0	0	0	0
University of PA	597	0	0	0	0	597	0	0	0	0	0	0
University of Pittsburgh	105	0	0	0	0	105	0	0	0	0	0	0
Rhode Island, total	3,020	0	0	0	0	150	0	0	0	0	2,870	0
Brown University	150	0	0	0	0	150	0	0	0	0	0	0
U Rhode Island	2,870	0	0	0	0	0	0	0	0	0	2,870	0
South Carolina, total	350	0	0	0	0	0	0	350	0	0	0	0
Medical U of S Carolina	350	0	0	0	0	0	0	350	0	0	0	0
South Dakota, total	849	849	0	0	0	0	0	0	0	0	0	0
South Dakota State U	849	849	0	0	0	0	0	0	0	0	0	0
Tennessee, total	1,560	1,129	0	0	0	320	0	0	0	0	111	0
Tennessee State U	356	356	0	0	0	0	0	0	0	0	0	0
U Tennessee Knoxville	1,204	773	0	0	0	320	0	0	0	0	111	0
Texas, total	2,787	585	24	0	0	725	0	1,421	0	0	32	0
Baylor Col of Medicine	412	0	0	0	0	0	0	412	0	0	0	0
Southern Methodist U	14	0	0	0	0	14	0	0	0	0	0	0
Texas A&M University	1,044	585	24	0	0	403	0	0	0	0	32	0
U TX Austin	189	0	0	0	0	189	0	0	0	0	0	0
U TX Dallas	45	0	0	0	0	45	0	0	0	0	0	0
U TX SW Med Ctr Dallas	931	0	0	0	0	0	0	931	0	0	0	0
U of Houston	152	0	0	0	0	74	0	78	0	0	0	0
Utah, total	690	638	0	0	0	0	0	0	0	0	52	0
University of Utah	52	0	0	0	0	0	0	0	0	0	52	0
Utah State University	638	638	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

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Table B-12. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Virginia, total	1,033	854	0	0	0	50	0	129	0	0	0	0
University of Virginia	129	0	0	0	0	0	0	129	0	0	0	0
VA Polytech Inst & St U	904	854	0	0	0	50	0	0	0	0	0	0
Washington, total	3,080	2,190	0	0	0	890	0	0	0	0	0	0
University of Washington	890	0	0	0	0	890	0	0	0	0	0	0
Washington State U	2,190	2,190	0	0	0	0	0	0	0	0	0	0
West Virginia, total	11,137	0	0	0	0	1,487	0	0	0	9,650	0	0
West Virginia U Morgantwn	1,487	0	0	0	0	1,487	0	0	0	0	0	0
Wheeling Jesuit College	9,650	0	0	0	0	0	0	0	0	9,650	0	0
Wisconsin, total	4,838	2,179	0	0	0	2,151	0	412	0	96	0	0
U WI Madison	4,755	2,096	0	0	0	2,151	0	412	0	96	0	0
U WI Stevens Point	83	83	0	0	0	0	0	0	0	0	0	0
Wyoming, total	418	418	0	0	0	0	0	0	0	0	0	0
University of Wyoming	418	418	0	0	0	0	0	0	0	0	0	0
Puerto Rico, total	3	0	3	0	0	0	0	0	0	0	0	0
U PR System Off	3	0	3	0	0	0	0	0	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: See Technical Notes, "Scope of Survey."

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-13. Federal obligations for science and engineering research and development to public doctorate-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Alabama A & M University	6,444	2,344	0	1,392	351	165	0	0	0	790	1,109	293
Arizona State U Main	27,310	166	25	4,550	64	220	1,326	458	5,942	2,355	12,131	73
Auburn University	18,483	6,242	45	2,662	100	0	730	307	1,491	3,660	1,823	1,423
Ball State University	524	30	0	0	0	0	0	0	392	0	102	0
Bowling Green State U	1,758	0	0	201	0	0	0	206	465	0	866	20
CA St U Long Beach	1,965	0	0	0	0	189	0	0	1,405	95	276	0
CUNY Grad Schl & U Ctr	2,431	0	0	12	0	0	0	0	1,603	0	816	0
CUNY H H Lehman College	1,261	0	0	0	0	0	35	0	274	0	952	0
CUNY System Office	3,080	0	0	1,795	0	0	0	0	0	132	1,153	0
Central Michigan U	200	0	0	0	0	0	0	0	150	0	50	0
Clemson University	15,296	5,202	0	1,507	1,575	0	2,717	0	336	874	2,273	812
Cleveland State U	3,815	0	0	0	0	0	0	0	732	3,025	58	0
Cnsrtm Intl Earth Sci Info	27,000	0	0	0	0	0	0	0	0	27,000	0	0
College of William & Mary	6,754	29	1,020	884	0	0	301	88	155	2,278	1,773	226
Colorado School of Mines	4,983	0	0	869	303	0	1,269	793	0	515	1,020	214
Colorado State University	46,360	7,823	0	3,968	66	119	2,635	628	16,895	2,352	9,024	2,850
Desert Research Institute	7,484	20	0	0	0	0	2,130	3,781	0	333	1,190	30
East Carolina University	4,998	0	87	910	0	0	0	0	3,191	48	742	20
East Tennessee State U	820	0	0	0	0	0	0	0	784	6	30	0
Florida A&M University	9,247	1,746	0	2,695	0	176	0	0	2,074	2,022	534	0
Florida Atlantic U	9,106	0	0	2,563	0	0	0	0	862	4,516	898	267
Florida International U	7,863	90	0	1,543	0	120	0	274	1,233	149	1,400	3,054
Florida State University	26,847	115	738	1,871	64	0	9,607	16	4,062	1,913	8,461	0
George Mason University	8,819	0	0	5,311	957	0	0	256	192	306	1,425	372
Georgia Institute of Tech	50,805	0	140	19,559	15,934	0	1,107	3,480	2,528	6,822	0	1,235
Georgia State University	5,661	4	0	0	0	0	238	0	4,137	319	963	0
Idaho State University	1,041	72	0	0	0	0	495	0	255	31	176	12
Illinois State University	1,223	257	0	0	0	0	0	0	572	0	394	0
Indiana St U All Campuses	589	4	0	0	0	0	0	0	103	38	438	6
Indiana U of PA	249	0	0	0	0	199	0	0	0	0	50	0
Indiana University	81,374	264	530	2,655	0	301	3,436	282	53,548	812	18,723	823
Iowa State University	41,468	14,550	440	1,705	0	400	5,350	1,063	5,150	958	6,619	5,233
Jackson State University	6,374	20	0	940	0	167	1,535	0	1,206	0	2,496	10
Kansas State University	26,236	6,082	0	8,250	0	37	2,937	1,854	2,597	1,056	3,097	326
Kent State University	4,766	0	0	214	0	0	207	0	628	413	3,304	0
LA St U System Office	142	68	0	0	0	0	0	0	0	0	0	74
LA U Marine Consortium	319	0	0	0	0	0	267	0	0	0	0	52
Lamar U Beaumont	2,810	0	0	0	0	0	0	2,500	0	270	40	0
Louisiana State U	58,197	5,622	637	14,801	0	0	2,703	3,620	23,198	1,250	5,060	1,306
Louisiana Tech University	456	165	0	142	0	0	0	0	0	0	149	0
MT State U Bozeman	15,587	4,381	0	929	0	65	46	336	1,849	334	7,151	496
Marshall University	1,800	40	0	81	0	0	0	0	1,346	170	103	60
Medical College GA	9,107	0	0	10	0	0	0	0	9,097	0	0	0
Medical College OH Toledo	7,256	0	0	250	0	0	0	0	6,652	0	354	0
Medical U of S Carolina	20,063	122	0	0	0	0	2,800	0	17,046	0	95	0
Miami University OH	3,056	425	0	0	0	340	39	249	619	0	1,377	7
Michigan State University	67,666	14,452	0	1,439	104	1,488	5,227	587	20,845	218	23,099	207
Michigan Tech University	7,297	397	0	1,921	782	0	897	963	0	359	1,834	144
Middle Tennessee St U	39	0	0	0	0	0	34	0	0	0	5	0
Mississippi State U	20,366	9,831	0	1,657	0	756	2,151	179	414	1,134	4,036	208

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Federal obligations for science and engineering research and development to public doctorate-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Montana U Sys Sys Off	2,187	662	0	0	0	0	0	0	0	0	1,525	0
N E Ohio U Col of Med	1,011	0	0	0	0	0	0	0	1,011	0	0	0
NC State U Raleigh	50,661	10,692	1,292	6,665	158	655	2,497	3,343	6,074	3,203	14,826	1,256
NJ Inst of Technology	8,121	0	0	990	496	210	104	3,972	0	0	1,799	550
NM Inst Mining & Tech	8,349	150	0	5,283	57	0	1,247	0	0	49	966	597
New Mexico State U	47,265	3,552	59	4,755	6,576	0	4,973	62	2,135	21,210	3,208	735
North Dakota State U	9,752	7,234	0	1,000	88	0	0	0	544	0	526	360
Northeast Louisiana U	326	5	0	28	0	0	0	20	203	0	70	0
Northern Arizona U	6,528	182	0	0	0	0	0	428	1,247	294	3,304	1,073
Northern Illinois U	5,309	149	0	278	0	948	233	0	1,057	0	2,591	53
Oakland University	2,679	0	0	0	0	0	48	0	2,221	0	410	0
Ohio State University	84,121	9,745	891	5,838	70	0	4,351	276	36,459	4,495	16,110	5,886
Ohio University	2,791	110	12	373	0	0	573	51	545	404	723	0
Oklahoma State University	14,777	5,250	0	1,830	2,100	0	384	429	1,237	0	3,334	213
Old Dominion University	7,619	0	43	904	50	0	171	0	123	3,979	2,349	0
Oregon Hlth Sciences U	37,898	150	0	77	0	0	0	119	36,945	0	607	0
Oregon State University	53,999	13,274	912	6,686	28	0	1,311	2,856	7,066	3,085	15,267	3,514
Pennsylvania State U	173,070	11,595	58	46,994	30,045	1,364	5,866	1,300	36,663	12,939	18,215	8,031
Portland State University	1,848	0	0	0	0	0	110	147	428	0	1,163	0
Purdue University	74,920	11,321	161	7,148	217	10	10,882	262	21,472	2,632	19,265	1,550
Rutgers the St U of NJ	70,059	4,704	861	14,063	433	1,503	3,611	679	22,452	1,692	13,350	6,711
SC Sea Grant Consortium	9	0	9	0	0	0	0	0	0	0	0	0
SD School Mines & Tech	2,102	4	0	53	0	0	0	0	0	628	1,343	74
SUNY Col Env Sci & Forest	555	448	0	0	0	0	0	0	0	0	107	0
SUNY Col of Optometry	166	0	0	0	0	0	0	0	166	0	0	0
SUNY Hlth Sci Ctr Brookly	13,321	0	0	0	0	0	0	0	13,064	0	257	0
SUNY Hlth Sci Ctr Syracus	7,850	0	0	0	0	0	327	0	7,363	0	160	0
SUNY System Office	7,863	0	0	4,488	38	0	0	0	230	0	265	2,842
SUNY at Albany	14,024	1,106	0	462	0	0	307	577	7,617	999	2,954	2
SUNY at Binghamton	4,392	100	0	182	50	0	43	0	1,217	306	2,384	110
SUNY at Buffalo	31,355	351	0	557	0	0	730	545	23,697	384	5,091	0
SUNY at Stony Brook	58,590	14	0	3,437	0	0	5,362	145	32,222	2,205	15,185	20
Sam Houston State U	10,138	68	0	10,000	0	0	0	0	0	0	70	0
San Diego State U	13,192	55	43	1,402	0	247	1,099	0	6,965	338	2,830	213
South Dakota State U	4,809	2,941	0	0	0	0	0	149	105	63	1,117	434
Southern IL U Carbondale	8,790	872	0	0	0	0	1,194	0	5,969	18	605	132
Southern IL University	153	15	0	0	0	0	0	0	134	0	0	4
Stephen F Austin St U	262	262	0	0	0	0	0	0	0	0	0	0
Temple University	25,097	0	0	291	63	1,823	431	0	21,259	0	1,229	1
Tennessee State U	4,997	2,318	0	1,039	0	39	0	0	819	732	0	50
Tennessee Technological U	1,594	105	0	0	0	0	262	162	79	35	290	661
Texas A&M U Sys Off	2,401	0	0	0	0	0	1,174	0	258	50	0	919
Texas A&M University	65,174	13,732	1,063	6,629	100	0	4,143	1,614	14,042	3,753	18,684	1,414
Texas Tech University	7,460	1,126	0	1,013	65	0	342	568	2,409	367	1,522	48
Texas Womans University	72	0	0	0	0	0	0	0	72	0	0	0
U & Cmty Col NV Sys Off	623	0	598	0	0	0	0	0	0	0	0	25
U & St Col AZ Sys Off	247	247	0	0	0	0	0	0	0	0	0	0
U Alabama Birmingham	90,737	655	99	2,094	143	720	309	622	76,299	4,535	5,261	0
U Alabama Huntsville	19,879	0	102	3,473	1,690	0	190	453	193	12,514	1,264	0
U Alaska Fairbanks	31,738	1,421	1,129	707	0	0	472	395	523	12,901	12,422	1,768

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Federal obligations for science and engineering research and development to public doctorate-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD re-search [1]	DoD devel-op-ment [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
U Alaska System Higher Ed	428	148	0	0	0	200	80	0	0	0	0	0
U Arkansas Main	16,101	7,565	0	676	2,600	1,458	200	63	580	84	2,393	482
U Arkansas Sys Off	444	294	0	0	0	0	0	0	150	0	0	0
U Arkansas for Med Sci	10,450	158	0	0	0	0	0	95	9,963	0	234	0
U CA Berkeley	133,232	11,324	68	5,625	177	1,229	3,068	313	53,076	22,348	34,683	1,321
U CA Davis	84,495	6,547	0	1,408	0	325	14,807	1,969	44,557	1,644	12,763	475
U CA Irvine	61,567	0	0	6,029	0	0	4,700	185	37,396	1,862	11,395	0
U CA Los Angeles	195,788	363	0	11,852	1,403	2,931	21,665	360	129,321	8,974	18,438	481
U CA Office of Pres	7,823	0	5,755	0	0	0	0	0	1,968	0	0	100
U CA Riverside	19,108	2,079	0	447	177	322	1,680	662	7,229	1,817	4,695	0
U CA San Diego	204,063	1,150	75	23,438	664	0	10,330	0	115,063	16,244	35,926	1,173
U CA San Francisco	175,388	0	0	871	1,837	135	3,181	50	165,993	1,039	2,282	0
U CA Santa Barbara	51,459	298	621	12,447	0	212	3,380	681	6,260	3,947	22,779	834
U CA Santa Cruz	17,407	36	0	2,856	0	1,488	1,595	0	4,698	1,297	5,387	50
U Central Florida	10,251	0	0	6,725	1,070	0	0	0	372	976	1,108	0
U Hawaii Manoa	44,660	5,404	0	3,438	0	1,147	258	35	12,848	7,859	13,275	396
U Hawaii System Off	6,244	71	0	0	0	520	2,128	0	912	0	0	2,613
U IL Central Office	933	262	0	248	0	145	152	0	126	0	0	0
U IL Chicago	55,202	248	1,653	2,686	1,151	525	1,235	157	41,435	310	5,802	0
U IL Urbana Champaign	116,116	8,611	25	13,064	397	1,407	11,951	45	21,016	3,074	56,260	266
U MA Amherst	35,227	4,742	0	8,227	1,403	0	1,028	103	5,635	1,416	12,542	131
U MA Boston	3,749	200	0	707	0	299	206	50	1,612	0	675	0
U MA Central Office	634	146	110	0	0	0	0	0	0	0	0	378
U MA Lowell	3,505	75	0	878	412	71	402	98	1,103	0	466	0
U MA Worcester	34,574	248	0	315	202	0	0	0	32,846	0	963	0
U MD Baltimore	49,992	0	75	1,177	888	0	0	590	46,641	0	621	0
U MD Baltimore County	7,293	293	60	313	0	0	263	73	2,136	416	3,739	0
U MD College Park	76,300	5,413	3,583	10,335	1,040	165	7,355	1,995	7,009	16,861	22,245	299
U MD Eastern Shore	1,956	1,197	0	52	0	337	0	0	370	0	0	0
U Maine System Office	2,121	323	1,401	0	0	0	0	0	201	0	0	196
U Maryland Sys Admin	958	10	146	0	0	0	365	0	137	0	0	300
U Med & Dent of NJ	41,788	0	0	81	0	199	65	340	39,416	362	1,325	0
U Missouri Columbia	28,481	9,007	0	832	0	0	1,584	195	12,350	242	3,840	431
U Missouri Kansas City	4,694	0	0	281	0	0	103	0	4,199	0	103	8
U Missouri Rolla	6,127	0	0	1,425	0	0	449	0	232	403	2,579	1,039
U Missouri St Louis	2,606	120	0	365	0	0	0	31	858	0	1,232	0
U Missouri System Admin	2,436	98	75	0	0	1,691	193	0	74	0	0	305
U N TX Hlth Sci Ctr	3,482	0	0	0	0	0	0	0	3,366	60	56	0
U NC Chapel Hill	129,071	796	41	3,598	0	1,289	1,381	5,146	107,472	269	8,751	328
U NC General Admin Off	2,356	0	68	0	0	0	0	0	0	0	0	2,288
U NC Greensboro	3,057	19	0	74	0	1,598	0	57	1,075	0	234	0
U NE Ctrl Admin Sys Off	707	150	0	0	0	0	533	0	0	0	0	24
U Nebraska Lincoln	23,205	8,552	0	1,308	0	96	128	357	3,198	860	8,465	241
U Nebraska Med Ctr Omaha	12,241	0	0	0	0	0	0	0	12,131	0	110	0
U Nevada Las Vegas	4,765	274	0	485	0	0	1,110	1,907	460	10	405	114
U Nevada Reno	11,913	1,439	60	200	0	0	332	396	5,836	230	1,944	1,476
U New Hampshire	21,342	2,288	447	486	0	150	820	1,087	3,069	9,451	3,385	159
U North Texas	3,057	0	0	943	0	197	150	679	100	75	913	0
U Northern Colorado	738	0	0	0	0	355	0	0	0	35	328	20
U Northern Iowa	1,044	0	0	0	0	200	0	700	0	29	115	0

See explanatory information, if any, and SOURCE at end of table.

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Table B-13. Federal obligations for science and engineering research and development to public doctorate-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
U PR Mayaguez	6,556	4,189	0	463	0	0	6	0	0	219	1,578	101
U PR Medical Sci	6,810	0	0	219	0	0	0	0	6,119	52	420	0
U PR Rio Piedras	2,709	0	0	599	0	0	0	96	1,040	112	862	0
U PR System Off	6,891	0	350	505	0	0	20	0	201	0	5,815	0
U Rhode Island	17,960	2,015	1,187	2,079	0	0	70	1,354	3,389	1,234	6,150	482
U SD System Office	35	0	0	0	0	0	0	0	0	0	0	35
U South Alabama	8,339	0	102	98	0	75	44	0	7,447	59	514	0
U South Carolina	18,002	291	195	2,685	200	173	1,799	400	6,192	247	5,405	415
U South Dakota	2,704	100	0	0	0	0	0	0	1,223	22	1,359	0
U South Florida	14,256	60	401	1,025	100	362	105	118	6,979	1,559	2,665	882
U Southern Mississippi	5,845	1,227	43	1,729	0	0	151	0	560	100	2,035	0
U Southwestern Louisiana	2,083	184	0	224	0	0	0	0	1,001	120	296	258
U System of Georgia	740	27	0	0	0	0	0	0	551	0	0	162
U System of NH Sys Off	120	0	0	0	0	0	0	0	0	0	0	120
U TN U Wide Admin Ctrl	2,385	7	0	0	295	192	1,065	0	0	0	407	419
U TX Arlington	3,498	0	0	1,163	155	150	225	0	110	230	1,465	0
U TX Austin	117,225	403	198	31,545	26,131	184	14,548	772	16,622	7,765	18,553	504
U TX Dallas	5,373	0	0	2,066	100	0	124	0	1,610	429	1,044	0
U TX El Paso	6,072	0	0	1,413	74	0	0	1,000	924	199	2,382	80
U TX Hlth Sci Ctr Houstn	37,465	212	0	446	0	0	376	479	34,686	535	731	0
U TX Hlth Sci Ctr S Anto	44,987	0	0	449	0	0	0	0	43,723	209	606	0
U TX MD Anderson Cancer	42,602	212	0	151	0	0	0	64	41,895	100	180	0
U TX Med Brnch Galveston	28,616	0	0	178	0	47	316	612	26,768	535	160	0
U TX SW Med Ctr Dallas	61,269	237	0	52	0	0	0	0	58,319	2,194	467	0
U TX System Off	1,556	0	0	0	0	0	0	0	1,150	0	0	406
U Tennessee Knoxville	28,833	6,058	0	2,907	0	0	9,927	406	4,092	592	4,750	101
U Tennessee Memphis	18,933	0	0	290	0	0	0	0	18,129	257	257	0
U WI Madison	190,469	10,875	106	10,257	604	3,129	18,528	1,172	95,652	10,838	38,678	630
U WI Milwaukee	5,960	75	0	834	0	0	918	0	2,396	428	1,299	10
U WI System Office	3,046	429	1,811	31	0	200	0	0	292	0	0	283
U of Houston	20,183	150	20	727	0	0	921	195	6,078	6,694	5,383	15
U of Houston Sys Admin	671	0	0	671	0	0	0	0	0	0	0	0
U of MD Center for EES	1,622	0	0	0	0	0	0	1,585	0	37	0	0
University of Akron	3,302	23	0	310	0	160	0	0	624	1,369	816	0
University of Alabama	7,378	0	0	296	97	691	1,370	60	2,601	281	1,438	544
University of Arizona	107,819	4,096	180	7,438	1,432	875	3,279	1,204	48,141	20,833	18,187	2,154
University of Cincinnati	51,936	0	0	3,523	210	0	637	3,684	38,841	2,171	2,870	0
University of Colorado	145,497	295	9,199	7,343	426	255	4,340	1,224	81,213	15,823	24,949	430
University of Connecticut	42,992	2,474	1,423	1,830	87	1,920	665	1,764	27,582	217	4,929	101
University of Delaware	22,648	1,965	753	4,354	263	2,094	1,174	559	2,956	1,116	6,784	630
University of Florida	77,341	9,798	618	9,677	557	1,344	3,123	930	38,179	2,784	8,912	1,419
University of Georgia	51,903	11,603	443	1,450	0	1,622	13,863	1,344	10,984	142	10,452	0
University of Idaho	14,064	6,287	0	326	0	200	39	663	734	27	3,158	2,630
University of Iowa	87,875	475	187	2,722	660	987	679	60	69,162	5,407	6,094	1,442
University of Kansas	33,522	134	0	1,614	0	1,628	832	206	22,710	921	5,344	133
University of Kentucky	46,594	6,822	56	597	0	0	4,831	669	25,985	266	7,028	340
University of Louisville	6,945	0	0	621	0	0	178	0	5,432	432	282	0
University of Maine	9,184	4,068	0	348	0	590	171	1,544	352	97	1,830	184
University of Memphis	4,293	3	0	318	0	0	75	0	2,624	121	533	619
University of Michigan	214,612	580	643	18,492	1,726	235	8,114	4,474	137,236	10,763	29,027	3,322

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Table B-13. Federal obligations for science and engineering research and development to public doctorate-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
University of Minnesota	168,675	9,701	80	15,378	200	3,914	6,158	2,170	101,014	3,022	25,433	1,605
University of Mississippi	15,903	1,282	0	1,005	358	0	3,480	98	7,366	226	824	1,264
University of Montana	6,389	103	0	0	0	630	890	121	1,490	516	2,160	479
University of N Dakota	10,473	1,633	0	0	199	0	5,390	1,600	1,116	62	344	129
University of New Mexico	55,827	0	0	28,190	2,935	37	1,639	140	13,348	2,962	6,505	71
University of Oklahoma	25,668	145	0	1,166	0	702	4,771	518	12,976	400	4,269	721
University of Oregon	22,756	419	0	1,166	0	3,095	2,562	0	9,357	243	5,283	631
University of Pittsburgh	136,780	75	0	5,103	1,578	2,841	1,500	225	115,470	990	8,998	0
University of Toledo	3,096	0	0	94	0	0	125	0	478	2,101	298	0
University of Utah	77,407	300	195	8,220	100	0	4,347	2,000	48,894	631	10,858	1,862
University of Vermont	33,915	4,478	0	296	0	263	539	411	26,327	20	1,266	315
University of Virginia	79,221	3	206	4,482	1,172	0	3,140	320	48,389	7,946	12,190	1,373
University of Washington	246,013	5,433	2,211	20,886	4,500	657	13,070	855	152,495	8,798	35,080	2,028
University of Wyoming	17,284	2,586	0	1,541	0	200	1,031	520	1,221	375	4,999	4,811
Utah State University	38,841	2,936	85	6,147	18,476	756	21	53	4,526	1,577	2,181	2,083
VA Polytech Inst & St U	36,841	6,784	168	7,475	0	0	3,031	949	2,729	4,043	9,019	2,643
Virginia Commonwealth U	40,568	124	0	711	160	372	234	42	37,535	531	809	50
Washington State U	29,541	8,566	180	2,799	157	157	2,636	448	7,857	279	5,424	1,038
Wayne State University	40,172	0	64	1,959	0	498	525	0	33,701	499	2,926	0
West Virginia U Morgantwn	35,439	4,398	0	10,807	31	0	5,573	2,500	6,993	648	2,569	1,920
Western Michigan U	3,379	0	0	97	0	1,174	98	78	520	11	1,401	0
Wichita State University	2,025	0	0	65	0	0	0	0	566	60	334	1,000
Wright State University	8,788	0	0	2,288	186	0	0	35	5,543	50	686	0

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior.

KEY: Com = Department of Commerce
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SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993.

Table B-14. Federal obligations for science and engineering research and development to public master's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Alabama State University	12	0	0	0	0	0	0	0	0	0	12	0
Appalachian St University	298	0	0	0	0	0	0	0	0	34	264	0
Arkansas State University	76	0	0	0	0	0	0	0	1	75	0	0
Bemidji State University	130	0	0	0	0	0	0	0	95	35	0	0
Boise State University	444	0	32	166	0	0	0	0	0	0	227	19
Bridgewater State College	204	0	0	0	0	0	0	0	76	0	128	0
CA St Col Bakersfield	13	0	0	0	0	0	0	0	0	0	13	0
CA St Poly U Pomona	788	10	0	0	0	0	0	0	0	0	778	0
CA St U Chico	34	0	0	0	0	0	0	0	0	34	0	0
CA St U Dominguez Hills	193	0	0	0	0	0	0	0	0	0	193	0
CA St U Fresno	563	0	0	0	0	200	0	0	93	89	181	0
CA St U Fullerton	1,212	0	0	0	0	0	301	0	338	52	521	0
CA St U Hayward	916	0	0	27	0	0	200	60	328	50	241	10
CA St U Los Angeles	2,075	0	0	84	0	0	0	0	106	121	1,764	0
CA St U Northridge	1,662	0	0	105	0	0	78	0	210	178	1,091	0
CA St U Sacramento	64	0	0	0	0	24	0	0	0	0	40	0
CA St U San Bernardino	739	0	0	0	0	0	0	0	99	0	640	0
CA State Poly U San Luis	854	28	0	333	0	0	0	0	0	298	195	0
CA State U System Office	95	7	0	0	0	88	0	0	0	0	0	0
CUNY Bernard Baruch Col	398	0	0	379	0	0	0	0	0	0	19	0
CUNY Brooklyn College	1,259	0	0	0	0	0	127	0	484	50	598	0
CUNY City College	9,844	0	0	1,200	0	0	719	100	2,344	415	4,166	900
CUNY Col Staten Island	349	0	0	0	0	0	35	0	269	40	5	0
CUNY Hunter College	3,891	0	0	546	0	0	0	0	2,534	0	811	0
CUNY J Jay Col Crim Just	138	0	0	0	0	0	0	0	0	0	138	0
CUNY Queens College	1,646	0	0	362	0	0	92	0	877	0	315	0
California U of PA	2,042	0	0	0	0	0	0	0	2,042	0	0	0
Cameron University	50	0	0	50	0	0	0	0	0	0	0	0
Central Connecticut St U	92	0	0	0	0	0	0	0	0	0	88	4
Central Washington U	477	40	0	0	0	0	104	0	0	233	100	0
Chadron State College	1	0	0	0	0	0	0	0	0	0	0	1
Chicago State University	1,627	0	0	1	0	164	0	0	0	0	1,462	0
Citadel Military Col SC	5	0	0	0	0	0	0	0	0	5	0	0
Clarion U of PA	70	0	0	0	0	0	0	0	0	0	70	0
College of Charleston	153	0	0	14	0	0	0	0	0	28	111	0
Delaware State University	1,531	804	0	605	0	25	0	0	0	18	79	0
East Central University	113	0	0	0	0	0	0	113	0	0	0	0
Eastern Illinois U	506	0	0	0	0	0	0	0	0	0	506	0
Eastern Kentucky U	291	0	0	0	0	0	0	0	81	0	210	0
Eastern Michigan U	951	120	0	0	0	0	0	0	333	0	498	0
Eastern New Mexico U	29	0	0	29	0	0	0	0	0	0	0	0
Eastern Washington U	2,275	0	0	0	0	0	0	0	1,945	0	144	186
Emporia State University	26	0	0	0	0	0	0	0	0	26	0	0
Evergreen State College	752	0	0	0	0	0	0	0	0	0	752	0
Ferris State University	106	0	0	0	0	0	0	0	106	0	0	0
Fort Valley State College	2,598	2,002	0	0	0	0	446	0	0	0	150	0
Francis Marion University	114	0	0	0	0	0	0	0	0	0	114	0
Georgia Southern U	686	24	0	0	0	0	0	0	553	89	20	0
Grambling State U	617	0	0	205	0	0	0	0	186	0	180	46
Grand Valley State U	402	0	0	0	0	188	0	25	0	74	104	11

See explanatory information, if any, and SOURCE at end of table.

Table B-14. Federal obligations for science and engineering research and development to public master's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Henderson State U	2	0	0	0	0	0	0	0	0	0	2	0
Humboldt State University	1,307	271	0	0	0	200	0	0	94	0	546	196
Jacksonville State U	434	0	0	0	0	0	0	0	0	0	434	0
James Madison University	576	175	0	0	0	0	0	0	123	0	278	0
Kutztown U of PA	23	0	0	0	0	0	0	0	0	0	23	0
Lincoln University MO	1,887	1,869	0	0	0	0	0	0	0	0	0	18
Lyndon State College	54	54	0	0	0	0	0	0	0	0	0	0
MT State U Billings	43	0	0	0	0	0	0	0	0	33	10	0
MT Tech U of MT	141	8	0	0	0	0	0	0	0	0	59	74
Mankato State University	121	0	0	0	0	0	0	0	91	30	0	0
McNeese State University	67	0	0	0	0	0	0	0	0	0	67	0
Midwestern State U	6	6	0	0	0	0	0	0	0	0	0	0
Millersville U of PA	120	50	0	0	0	0	0	0	0	0	70	0
Moorhead State University	102	0	0	0	0	0	0	0	102	0	0	0
Morgan State University	1,307	0	0	218	160	0	468	304	0	0	157	0
Murray State University	60	43	0	0	0	0	0	0	0	0	17	0
NC Ag & Tech State U	11,284	2,799	0	3,858	573	0	306	0	42	1,811	673	1,222
New Mexico Highlands U	557	0	0	209	0	164	0	0	0	28	156	0
Nicholls State University	5	0	0	0	0	0	0	0	0	0	5	0
North Carolina Central U	521	0	0	276	0	0	0	0	165	0	0	80
Northeast Missouri St U	65	0	0	0	0	0	0	0	0	0	65	0
Northeastern Illinois U	114	0	0	0	0	114	0	0	0	0	0	0
Northeastern State U	25	0	0	0	0	0	0	0	25	0	0	0
Northern Kentucky U	326	0	0	0	0	0	0	107	90	0	129	0
Northern Michigan U	743	0	0	550	0	193	0	0	0	0	0	0
Northwest Missouri St U	220	0	0	0	0	220	0	0	0	0	0	0
Northwest State U	50	50	0	0	0	0	0	0	0	0	0	0
Pittsburg State U	200	0	0	0	0	0	0	0	0	0	200	0
Prairie View A&M U	4,916	2,935	0	217	0	0	600	0	0	1,058	35	71
Radford University	18	0	0	0	0	0	0	0	0	0	18	0
Rhode Island College	318	0	0	0	0	0	67	0	251	0	0	0
SUNY Col Brockport	559	0	0	0	0	0	0	0	0	0	559	0
SUNY Col Buffalo	693	0	0	0	0	0	0	0	512	95	86	0
SUNY Col Cortland	114	0	0	0	0	0	0	0	0	0	114	0
SUNY Col Geneseo	190	0	0	0	0	0	0	0	0	0	190	0
SUNY Col Oneonta	50	0	0	0	0	0	0	0	0	0	50	0
SUNY Col Oswego	154	0	0	0	0	0	0	0	0	0	154	0
SUNY Col Plattsburgh	235	0	0	0	0	0	0	0	199	36	0	0
SUNY Inst Tech Utica Rome	109	0	0	0	0	0	0	0	0	0	109	0
Salem State College	76	0	0	0	0	0	0	0	76	0	0	0
Salisbury State U	34	10	7	0	0	0	0	0	0	0	17	0
San Francisco State U	5,491	0	7	187	0	244	39	0	1,021	207	3,746	40
San Jose State University	9,172	0	612	367	0	0	60	0	104	4,700	3,319	10
Sangamon State University	34	0	0	0	0	0	0	0	0	0	34	0
Shippensburg U of PA	453	0	0	0	43	0	0	0	410	0	0	0
Sonoma State University	140	0	0	0	0	0	0	0	0	95	45	0
Southeast Missouri St U	192	0	0	0	0	29	0	0	0	0	163	0
Southeastern Louisiana U	383	0	0	0	36	247	0	0	0	0	100	0
Southern Connecticut St U	145	0	0	0	0	0	0	0	49	0	96	0
Southern IL U Edwardsvile	5,402	0	0	0	0	0	0	0	4,669	0	733	0

See explanatory information, if any, and SOURCE at end of table.

Table B-14. Federal obligations for science and engineering research and development to public master's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Southern Oregon St Col	89	0	0	0	0	0	0	0	0	39	50	0
Southern U & A&M College	4,724	1,228	0	1,146	166	167	0	391	964	45	502	115
Southwest Missouri St U	341	0	0	0	0	0	0	0	0	0	341	0
Southwest Texas St U	697	19	0	50	0	0	0	0	444	30	154	0
St Cloud State University	294	50	139	0	0	0	0	0	0	0	105	0
Sul Ross State University	7	0	0	0	0	0	0	0	0	0	0	7
TX A&M U Kingsville	698	30	0	360	0	0	0	0	0	65	243	0
Tarleton State University	550	0	0	0	0	0	0	550	0	0	0	0
Texas Southern U	2,277	0	0	0	0	235	0	200	1,229	603	10	0
Towson State University	581	0	0	0	0	0	0	109	0	0	472	0
Trenton State College	79	0	0	0	0	0	0	0	0	0	79	0
Troy St U Main	33	0	0	8	0	0	0	0	0	0	25	0
U Alaska Anchorage	1,899	0	319	0	0	0	0	119	1,391	0	20	50
U Arkansas Little Rock	2,916	0	0	672	0	0	45	0	1,233	79	887	0
U Central Arkansas	465	90	0	0	0	0	0	0	0	0	0	375
U MA Dartmouth	1,245	0	0	0	0	0	0	0	110	0	1,135	0
U NC Charlotte	1,987	0	222	736	0	0	114	40	0	139	736	0
U NC Wilmington	2,289	0	1,502	79	0	0	0	0	173	0	535	0
U Nebraska Omaha	468	0	0	0	0	0	250	0	50	28	140	0
U Southern Colorado	556	0	0	0	0	0	0	0	0	556	0	0
U TX Permian Basin	61	0	0	61	0	0	0	0	0	0	0	0
U TX San Antonio	1,632	0	0	175	0	0	42	0	315	116	984	0
U Tennessee Chattanooga	63	0	0	0	0	31	0	0	0	0	32	0
U WI Eau Claire	394	0	0	0	0	0	0	0	0	0	394	0
U WI Green Bay	112	0	0	0	0	0	0	0	112	0	0	0
U WI La Crosse	33	0	0	0	0	0	0	0	0	3	30	0
U WI Oshkosh	1,897	0	0	0	0	0	0	0	1,874	0	23	0
U WI River Falls	48	0	0	0	0	0	0	0	0	0	48	0
U WI Stevens Point	803	66	0	50	0	0	0	0	0	0	605	82
U WI Superior	1,186	0	0	99	0	0	0	1,023	0	0	64	0
U West Florida	2,379	0	0	430	0	0	0	1,600	242	0	107	0
U of Central Oklahoma	49	49	0	0	0	0	0	0	0	0	0	0
U of Houston Clear Lake	5,806	0	0	0	0	0	0	0	0	5,806	0	0
University of DC	2,149	529	0	138	0	0	0	0	374	683	308	117
University of Guam	1,438	1,102	0	0	0	0	0	0	0	0	135	201
University of N Florida	198	0	0	0	0	0	0	0	198	0	0	0
University of S Maine	190	0	0	0	0	0	0	0	164	0	26	0
Valdosta State University	7	0	0	0	0	0	0	0	7	0	0	0
Virginia State University	2,107	1,802	0	0	0	0	149	150	0	6	0	0
West Chester U of PA	189	50	0	0	0	0	0	0	103	0	36	0
West Georgia College	30	0	0	0	0	0	30	0	0	0	0	0
Western Carolina U	343	30	0	0	0	313	0	0	0	0	0	0
Western Illinois U	835	134	0	54	0	200	0	78	0	0	369	0
Western Kentucky U	1,792	0	0	0	0	0	399	0	1,393	0	0	0
Western Oregon State Col	246	0	0	0	0	156	0	0	90	0	0	0
Western Washington U	686	11	50	110	0	0	0	0	181	31	249	54
William Paterson College	76	0	0	0	0	0	0	0	76	0	0	0
Winona State University	29	0	0	0	0	0	0	0	0	0	29	0
Youngstown St University	65	0	0	0	0	0	0	0	65	0	0	0

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior.

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SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-15. Federal obligations for science and engineering research and development to public bachelor's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Alcorn State University	1,953	1,888	0	65	0	0	0	0	0	0	0	0
Arkansas Tech University	11	11	0	0	0	0	0	0	0	0	0	0
Bluefield State College	76	0	0	0	0	0	0	0	0	0	0	76
Bowie State University	541	0	0	150	0	0	0	0	102	45	169	75
Central State U OH	1,139	0	0	596	262	0	24	0	0	253	0	4
Concord College	181	0	0	0	0	0	0	0	181	0	0	0
Dakota State University	28	0	0	0	0	28	0	0	0	0	0	0
Eastern Oregon St College	222	172	0	0	0	0	0	0	0	0	50	0
Elizabeth City State U	257	0	0	0	0	207	0	0	0	0	50	0
Fairmont State College	94	1	0	0	0	0	0	0	0	29	64	0
Fayetteville State U	112	0	0	0	0	0	0	0	0	0	112	0
Fort Lewis College	249	0	0	0	0	0	0	0	0	0	226	23
Georgia Southwestern Col	55	0	0	0	0	0	0	0	0	55	0	0
Kennesaw State College	229	0	0	0	0	0	0	65	134	0	30	0
Kentucky State University	2,650	2,650	0	0	0	0	0	0	0	0	0	0
Langston University	1,589	1,582	0	0	0	0	7	0	0	0	0	0
Lewis Clark State College	25	0	0	0	0	0	0	0	0	0	25	0
Lincoln University PA	1,232	36	0	1,036	0	155	0	0	0	0	0	5
Longwood College	24	0	0	0	0	0	0	0	0	24	0	0
Mayville State University	342	0	0	0	0	0	0	0	342	0	0	0
Minot State University	292	0	0	0	0	0	0	0	292	0	0	0
Mississippi Valley St U	131	0	0	0	0	112	0	0	0	19	0	0
Norfolk State University	387	0	0	0	0	0	70	0	76	241	0	0
Oglala Lakota College	75	0	0	0	0	0	0	0	0	0	75	0
Oregon Institute of Tech	300	0	0	0	0	0	300	0	0	0	0	0
Peru State College	20	0	0	0	0	0	0	0	20	0	0	0
R Stockton State Col NJ	6	0	6	0	0	0	0	0	0	0	0	0
SUNY Col Old Westbury	418	0	0	0	0	0	0	0	0	0	418	0
SUNY Fashion Inst Tech	919	0	0	0	884	0	0	0	0	0	35	0
SUNY Maritime College	1,310	0	0	0	0	0	1,310	0	0	0	0	0
SUNY Purchase Col	120	0	0	0	0	0	0	0	0	55	65	0
South Carolina St U	2,287	1,622	0	121	0	137	407	0	0	0	0	0
Southern Utah University	1,193	0	0	0	0	0	0	0	1,193	0	0	0
Southwest State U	100	100	0	0	0	0	0	0	0	0	0	0
St Marys Col MD	134	0	0	0	0	0	0	0	134	0	0	0
U Arkansas Monticello	90	0	0	0	0	0	0	0	0	0	90	0
U Arkansas Pine Bluff	1,628	1,481	0	0	0	0	19	0	0	0	39	89
U Hawaii Hilo	2,584	571	2,013	0	0	0	0	0	0	0	0	0
U MD University Col	1,687	0	0	1,276	0	0	0	0	300	0	0	111
U Maine Augusta	1,249	0	0	0	0	0	1,249	0	0	0	0	0
U Maine Machias	39	0	0	0	0	39	0	0	0	0	0	0
U Maine Presque Isle	23	23	0	0	0	0	0	0	0	0	0	0
U NC Asheville	193	2	0	0	0	0	25	0	0	43	123	0
U PR Humacao U Col	8	0	0	0	0	0	0	0	0	0	8	0
U State of NY Regents Col	157	0	0	0	0	0	157	0	0	0	0	0
U Tennessee Martin	231	0	0	132	0	0	0	0	0	0	99	0
U of the Virgin Islands	1,210	1,018	0	0	0	0	0	0	85	0	0	107
Virginia Military Inst	96	0	0	0	0	0	0	0	0	0	96	0
Weber State University	104	0	0	0	0	0	0	0	0	19	85	0
West Virginia State Col	363	0	0	0	0	0	0	0	0	0	0	363

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior.

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SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993.

Table B-16. Federal obligations for science and engineering research and development to public universities and colleges not granting science and engineering degrees, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Alamo CC District	228	0	0	0	0	227	0	0	0	0	0	1
Allegany Community Col	12	0	0	0	0	0	0	0	0	0	12	0
American Samoa Cmty Col	679	679	0	0	0	0	0	0	0	0	0	0
Arizona Western College	3	0	0	0	0	0	0	0	0	0	0	3
Black Hawk College	67	0	0	0	0	67	0	0	0	0	0	0
Brevard Community College	35	0	0	0	0	0	0	0	0	35	0	0
CUNY Bronx Cmty College	324	0	0	0	0	0	0	0	324	0	0	0
CUNY Hostos Cmty College	59	0	0	0	0	0	0	0	0	0	59	0
CUNY Laguardia Cmty Col	310	0	0	0	0	0	0	0	310	0	0	0
CUNY NY City Tech Col	333	0	0	0	0	0	233	0	0	0	100	0
CUNY Queensboro Cmty Col	303	0	0	0	0	0	0	0	0	0	303	0
Carl Albert State Col	200	0	0	0	0	200	0	0	0	0	0	0
Catonsville Cmty College	1	0	0	0	0	0	0	0	0	0	0	1
Central Oregon Cmty Col	593	0	0	0	0	0	0	0	593	0	0	0
Centralia College	60	0	0	0	0	0	0	0	0	0	60	0
Cerritos College	147	0	0	0	0	147	0	0	0	0	0	0
Charles County Cmty Col	47	0	0	0	0	31	0	0	0	16	0	0
City Colleges of Chicago	388	0	0	0	0	0	356	0	0	0	32	0
Clark College	10	0	0	0	0	0	0	0	0	0	10	0
Cmty Col Rhode Island	24	0	0	0	0	24	0	0	0	0	0	0
Cmty Col Southern Nevada	80	0	0	0	0	0	65	0	0	0	0	15
Col of Micronesia FSM	315	315	0	0	0	0	0	0	0	0	0	0
Columbia Basin College	129	0	0	0	0	0	129	0	0	0	0	0
Cuyahoga Cmty Col	436	0	0	0	0	39	0	91	0	306	0	0
Cypress College	124	0	0	0	0	0	0	0	0	0	124	0
Dabney Lancaster Cmty Col	9	9	0	0	0	0	0	0	0	0	0	0
Delaware Tech & Cmty Col	242	0	0	0	0	240	0	0	0	0	0	2
Diablo Valley College	23	0	0	0	0	0	0	0	0	0	23	0
Edmonds Community College	2,395	0	0	0	0	0	0	0	2,395	0	0	0
El Paso Cmty College	1	0	0	0	0	0	0	0	0	0	0	1
Essex County College	160	0	0	0	0	160	0	0	0	0	0	0
FL Cmty Col Jacksonville	78	0	0	0	0	0	0	0	0	0	78	0
Five Colleges Inc	653	0	0	0	0	0	0	0	0	0	653	0
Foothill Deanza CC SO	332	0	0	0	0	104	0	0	0	228	0	0
Front Range Cmty Col	32	32	0	0	0	0	0	0	0	0	0	0
Gadsden State Cmty Col	297	0	0	0	0	0	0	0	0	0	0	297
Garrett Community College	100	0	0	0	0	100	0	0	0	0	0	0
Glendale Cmty Col CA	18	0	0	0	0	0	0	0	0	0	18	0
Greenfield Community Col	40	0	0	0	0	40	0	0	0	0	0	0
Harris Stowe State Col	4	0	0	0	0	0	0	0	0	0	0	4
Haywood Cmty College	17	17	0	0	0	0	0	0	0	0	0	0
Hinds Cmty Col Raymond	369	0	0	0	0	369	0	0	0	0	0	0
Houston Community College	369	0	0	0	0	0	325	0	0	0	0	44
Howard Community College	150	0	0	0	0	0	0	0	0	0	150	0
Imperial Valley College	128	0	0	0	0	0	0	0	0	0	0	128
John A Logan College	11	0	0	0	0	0	0	0	11	0	0	0
Joliet Jr College	120	0	0	0	0	0	0	0	0	0	120	0
Kansas City Kansas CC	1	0	0	0	0	0	0	0	0	0	0	1
Kirkwood Community Col	256	0	0	0	0	0	0	0	256	0	0	0
L A Cmty Col District Off	73	0	0	0	0	73	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering research and development to public universities and colleges not granting science and engineering degrees, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Lorain County Cmty Col	20	0	0	0	0	0	0	0	0	20	0	0
Lord Fairfax Cmty College	31	0	0	0	0	0	0	0	0	0	31	0
Lower Columbia College	845	0	0	0	0	0	0	0	845	0	0	0
MS Gulf Cst CC Perkinstn	155	0	0	0	0	155	0	0	0	0	0	0
Maricopa CC Sys Off	1,691	58	0	133	0	0	0	0	0	0	1,500	0
Mesa Community College	132	0	0	0	0	0	0	0	0	0	132	0
Middle Georgia College	33	0	0	0	0	33	0	0	0	0	0	0
Mission College	35	0	0	0	0	0	0	0	0	0	35	0
Monterey Peninsula Col	247	0	0	0	0	247	0	0	0	0	0	0
Mount Hood Community Col	1,268	0	0	0	0	0	0	0	1,268	0	0	0
Mount Wachusett Cmty Col	30	0	0	0	0	30	0	0	0	0	0	0
Mountain Empire Cmty Col	40	0	0	0	0	0	0	0	0	0	40	0
Navajo Community College	655	0	0	0	0	163	0	0	0	77	415	0
Normandale Community Col	220	0	0	0	0	220	0	0	0	0	0	0
North Central MO Col	1,117	0	0	0	0	0	0	0	1,117	0	0	0
North Idaho College	971	0	0	0	0	0	0	0	970	0	0	1
Northampton Co Cmty Col	50	0	0	0	0	0	0	0	0	0	50	0
Northern Marianas College	659	513	0	0	0	0	0	0	146	0	0	0
Northwest College	55	0	0	0	0	0	0	0	0	0	55	0
Olympic College	2	0	0	0	0	0	0	0	0	0	0	2
Otero Junior College	2,726	0	0	0	0	0	0	0	2,726	0	0	0
Passaic County Cmty Col	108	0	0	0	0	108	0	0	0	0	0	0
Pearl River Cmty College	25	0	0	0	0	0	0	0	0	25	0	0
Prince Georges Cmty Col	146	0	0	0	0	0	0	0	0	0	146	0
Raritan Valley Cmty Col	112	0	0	0	0	0	0	0	0	0	112	0
Redlands Cmty College	9	9	0	0	0	0	0	0	0	0	0	0
SUNY Col Tech Delhi	63	0	0	0	0	0	0	0	0	0	63	0
SUNY Dutchess Cmty Col	115	0	0	0	0	0	0	0	0	0	115	0
SUNY Nassau Cmty College	55	0	0	0	0	0	0	0	0	0	55	0
SUNY Suffolk Co Cmty Col	150	0	0	0	0	0	0	0	0	0	150	0
San Juan College	8	0	0	0	0	0	0	0	0	0	0	8
Seattle Community College	71	0	0	0	0	0	0	0	0	0	70	1
Seward County Cmty Col	458	0	0	0	0	458	0	0	0	0	0	0
Shoreline Community Col	24	0	0	0	0	0	0	0	0	0	24	0
Sinclair Community Col	87	0	0	0	0	0	0	0	0	0	87	0
Skagit Valley College	1,622	0	0	0	0	0	0	0	1,622	0	0	0
Snow College	16	16	0	0	0	0	0	0	0	0	0	0
St Louis Community Col	1	0	0	0	0	0	0	0	0	0	0	1
St Paul Tech College	6	6	0	0	0	0	0	0	0	0	0	0
State Tech Inst Memphis	14	0	0	0	0	0	0	0	0	0	14	0
Taft College	22	0	0	0	0	0	0	0	0	0	22	0
Texas Southmost College	166	0	0	0	0	0	0	0	0	166	0	0
Trenholm St Tech Col	24	0	0	0	0	24	0	0	0	0	0	0
Trinidad State Junior Col	238	0	0	0	0	238	0	0	0	0	0	0
U Alabama Sys Off	1,161	0	0	1,074	0	0	0	0	87	0	0	0
U WI Center System	3,776	0	0	25	0	0	345	0	3,406	0	0	0
Utah Valley State College	20	0	0	0	0	0	0	0	0	20	0	0
Walla Walla Community Col	28	0	0	0	0	28	0	0	0	0	0	0
West Shore Community Col	210	0	0	0	0	210	0	0	0	0	0	0
West Valley College	12	0	0	0	0	0	0	0	0	0	12	0

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY: Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-17. Federal obligations for science and engineering research and development to private doctorate-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Adelphi University	152	0	0	0	0	0	0	0	152	0	0	0
Albany Medical College	7,661	0	0	0	0	0	0	150	7,511	0	0	0
Alfred University	1,096	0	62	469	0	0	276	0	0	0	289	0
American University	918	0	0	0	0	0	0	0	233	25	660	0
Andrews University	218	0	0	0	0	0	0	0	0	0	218	0
Antioch University	160	0	0	0	0	160	0	0	0	0	0	0
Baylor Col of Dentistry	612	0	0	0	0	0	0	0	612	0	0	0
Baylor Col of Medicine	88,276	9,000	0	441	70	0	1,375	169	76,310	911	0	0
Baylor University	2,213	0	0	283	0	335	0	0	0	209	1,321	65
Boston College	8,156	15	0	2,926	455	0	197	0	2,477	105	1,800	181
Boston University	102,642	50	0	32,349	3,721	2,830	3,119	609	48,617	1,593	9,705	49
Brandeis University	21,651	0	0	2,788	0	0	852	0	12,207	375	3,729	1,700
Brigham Young University	5,573	124	0	783	0	0	341	0	1,241	244	2,771	69
Brown University	34,483	150	41	8,058	0	0	2,216	0	12,607	1,858	9,378	175
Bryn Mawr College	695	0	0	0	0	0	0	0	227	0	468	0
CUNY Mt Sinai Schl of Med	43,638	0	0	0	0	0	95	0	42,977	384	182	0
California Inst of Tech	87,702	0	119	20,753	0	0	9,571	262	15,893	13,224	26,607	1,273
Carnegie Mellon U	73,474	0	25	28,685	2,009	0	6,488	422	9,459	3,813	20,697	1,876
Case Western Reserve U	89,608	252	0	4,192	250	88	602	0	72,040	6,441	5,683	60
Catholic U of America	2,805	136	187	511	132	0	153	0	454	629	550	53
Catholic U of PR	463	0	0	0	0	463	0	0	0	0	0	0
Charles Drew U Med & Sci	4,298	0	0	0	0	200	0	0	4,098	0	0	0
Clark Atlanta University	7,673	19	0	1,752	423	310	618	0	193	2,677	1,681	0
Clark University	2,051	0	88	456	0	0	222	272	209	69	735	0
Clarkson University	5,389	0	0	1,151	0	0	327	174	302	1,981	1,454	0
Col Osteo Med of Pacific	67	0	0	0	0	0	0	0	67	0	0	0
Columbia U Central Off	710	0	0	0	0	0	0	0	710	0	0	0
Columbia U City New York	194,910	10	1,377	9,272	0	0	15,589	10,091	120,682	6,446	30,549	894
Cornell University	174,226	13,009	108	17,201	455	0	4,727	245	77,280	7,300	53,066	835
Creighton University	4,336	0	0	0	0	127	105	0	3,687	0	417	0
Dartmouth College	41,349	321	317	3,065	0	0	742	223	30,363	872	5,436	10
De Paul University	1,115	0	0	23	0	0	0	0	601	0	491	0
Drexel University	10,537	90	0	1,958	186	0	196	486	712	907	5,977	25
Duke University	138,839	745	0	6,131	630	0	5,015	1,967	110,720	552	12,689	390
Duquesne University	1,052	355	0	76	0	0	0	0	311	0	310	0
Emerson College	199	0	0	0	0	39	0	0	160	0	0	0
Emory University	64,526	79	0	1,031	0	345	317	0	61,249	63	1,442	0
Fairleigh Dickinson U	34	0	0	0	0	0	0	0	0	0	34	0
Finch U Hlth Sci	5,008	0	0	0	0	0	0	0	4,882	0	126	0
Florida Inst of Tech	2,554	0	139	298	85	0	0	171	741	158	937	25
Fordham University	2,256	0	0	0	0	0	0	0	1,707	0	549	0
George Washington U	27,524	44	197	9,126	172	150	606	204	13,135	2,685	1,015	190
Georgetown University	56,523	54	28	8,802	0	556	0	50	32,634	0	933	13,466
Hampton University	6,157	0	0	858	0	0	258	119	0	2,666	2,256	0
Harvard University	169,173	127	0	10,000	0	0	5,252	2,509	125,405	6,200	19,438	242
Hofstra University	592	0	0	0	0	0	0	0	137	101	354	0
Howard University	18,417	287	17	3,115	166	861	112	144	4,158	3,322	6,235	0
Illinois Inst of Tech	4,330	0	0	2,045	100	0	138	142	948	161	796	0
Inst Paper Sci & Tech	861	88	0	0	0	0	773	0	0	0	0	0
Johns Hopkins University	543,873	170	230	17,033	274,750	1,906	5,442	377	223,725	9,802	10,438	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to private doctorate-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Kirksville Col Osteo Med	478	0	0	0	0	0	0	0	478	0	0	0
Lehigh University	16,247	205	0	4,102	72	0	2,654	324	537	363	7,265	725
Loma Linda University	2,594	0	0	0	0	0	0	380	2,194	0	0	20
Long Island University	272	0	0	0	0	0	0	0	0	0	272	0
Loyola U Chicago	9,618	4	0	214	0	0	0	242	7,971	0	1,187	0
MA Inst of Technology	251,845	597	1,535	58,148	50	180	56,291	1,926	51,403	38,437	40,864	2,414
Maharishi Intl University	801	0	0	0	0	0	0	0	754	0	47	0
Marquette University	2,127	0	0	0	0	200	102	0	743	462	560	60
Med Col Hampton Roads	10,595	0	0	0	0	0	0	0	4,222	163	0	6,210
Medical College PA	25,317	0	0	749	0	0	0	0	24,306	0	262	0
Medical College WI	24,713	165	0	0	0	0	0	89	23,355	247	190	667
Meharry Medical College	6,214	0	0	185	0	0	173	0	4,863	0	993	0
Mercer University	5,490	0	0	0	4,939	0	0	0	481	25	45	0
Midwestern University	119	0	0	0	0	0	0	0	119	0	0	0
Morehouse School of Med	3,904	0	0	0	0	0	106	0	3,267	471	60	0
New School Social Rsch	216	0	0	0	0	0	0	0	176	0	40	0
New York Inst Technology	453	0	0	375	0	0	0	0	78	0	0	0
New York Medical College	14,513	156	0	0	0	1,055	0	0	13,203	0	99	0
New York University	77,694	70	0	4,778	0	150	3,799	1,018	62,606	359	4,914	0
Northeastern University	26,197	0	0	17,552	0	56	369	348	3,014	0	4,858	0
Northwestern University	82,636	50	0	11,414	50	1,396	3,546	0	44,625	1,442	18,821	1,292
Nova Southeastern U	933	0	34	95	0	0	0	0	121	0	683	0
Oregon Grad Inst Sci Tech	10,207	0	0	5,067	285	0	609	182	1,633	192	2,139	100
Pace University	324	0	0	0	0	0	39	0	285	0	0	0
Pepperdine University	66	0	0	0	0	0	0	0	0	0	66	0
Phila Col of Pharm & Sci	86	0	0	0	0	0	0	0	86	0	0	0
Polytechnic University	6,216	0	0	2,759	174	0	402	0	0	466	2,415	0
Ponce School of Medicine	601	0	0	0	0	0	0	0	601	0	0	0
Princeton University	59,871	0	296	14,280	40	0	6,866	155	14,626	4,305	19,208	95
Rensselaer Polytech Inst	21,296	215	0	7,535	411	0	2,426	545	1,117	2,012	6,925	110
Rice University	24,425	100	0	2,260	0	0	2,165	600	3,712	2,309	13,279	0
Rochester Inst Technology	1,033	0	0	0	0	0	0	0	800	38	195	0
Rockefeller University	35,184	0	0	364	56	0	1,101	120	32,720	41	782	0
Rush University	733	0	0	0	0	0	0	0	733	0	0	0
Santa Clara University	387	0	0	0	0	0	0	0	0	125	262	0
Seton Hall University	1,049	0	0	0	0	148	0	229	607	0	65	0
Smith College	221	0	0	0	0	0	0	0	94	0	127	0
Southern Methodist U	4,596	70	0	1,852	0	0	522	0	841	50	1,261	0
St Johns University NY	874	0	0	0	0	0	0	0	874	0	0	0
St Louis University	15,475	0	0	168	0	0	0	0	14,523	129	405	250
Stanford University	249,575	90	50	35,467	732	0	7,340	5,003	119,862	54,441	24,661	1,909
Stevens Institute of Tech	3,387	0	0	1,710	225	0	297	0	0	84	1,046	25
Syracuse University	14,010	25	0	798	627	0	1,236	0	7,140	468	3,691	25
Teachers Col Columbia U	1,533	0	0	0	0	231	0	0	1,302	0	0	0
Texas Christian U	2,397	0	0	103	0	0	0	0	1,498	0	796	0
Thomas Jefferson U	38,180	0	0	306	0	362	261	261	36,663	0	327	0
Tufts University	45,015	11,910	0	1,195	45	187	1,159	3,400	25,074	231	1,814	0
Tulane University	27,238	75	0	1,062	0	0	5,090	375	17,350	91	842	2,353
U Central Del Caribe	199	0	0	0	0	0	0	0	199	0	0	0
U Southern California	125,297	0	281	25,035	6,356	1,490	1,767	100	73,294	3,369	12,207	1,398

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to private doctorate-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
U of Detroit Mercy	1,599	80	0	144	0	0	0	1,200	46	0	129	0
Union College NY	45	0	0	0	0	0	0	0	0	0	45	0
University of Chicago	99,378	107	108	3,212	30	180	4,351	0	65,607	6,075	19,708	0
University of Dallas	469	0	0	0	0	0	0	0	0	0	469	0
University of Dayton	37,065	0	0	26,072	9,979	0	0	370	87	338	219	0
University of Denver	6,975	170	0	1,717	0	77	137	295	2,076	1,046	1,457	0
University of Hartford	210	0	0	0	0	0	0	0	73	47	90	0
University of Miami	67,315	0	270	5,758	0	619	388	223	49,120	2,585	8,349	3
University of Notre Dame	14,654	0	58	1,332	0	0	3,744	125	3,682	526	5,187	0
University of PA	186,002	697	46	19,819	2,102	2,976	6,620	75	136,570	343	16,747	7
University of Rochester	98,935	53	0	3,996	250	0	20,192	0	64,882	1,542	8,020	0
University of San Diego	421	0	0	0	0	0	0	0	262	0	159	0
University of Tulsa	2,597	49	0	141	0	0	1,410	31	239	0	702	25
University of the Pacific	461	0	0	0	0	0	0	0	461	0	0	0
Vanderbilt University	82,091	110	0	5,655	0	900	1,279	0	67,719	2,162	4,216	50
Villanova University	704	0	0	0	0	0	0	0	282	211	211	0
Wake Forest University	37,768	0	221	65	0	0	0	0	37,017	60	405	0
Washington University	133,210	112	0	3,125	0	0	2,022	50	117,410	3,862	6,541	88
Wesleyan University	2,541	175	38	168	0	0	130	0	1,118	30	882	0
Woods Hole Oceangraphic	61,399	0	1,117	23,757	3,477	0	1,528	0	120	817	29,999	584
Worcester Polytech Inst	4,841	50	60	2,294	0	0	255	0	99	62	1,533	488
Xavier University LA	1,405	17	0	89	0	0	421	365	513	0	0	0
Yale University	169,151	509	0	7,705	0	0	10,203	0	138,730	1,235	10,769	0
Yeshiva University NY	64,627	0	0	317	0	0	0	0	63,752	0	558	0

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY: Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-18. Federal obligations for science and engineering research and development to private master's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Abilene Christian U	107	0	0	0	0	0	107	0	0	0	0	0
Assumption College	97	0	0	0	0	0	0	0	97	0	0	0
Avila College	51	0	0	0	0	0	0	0	0	0	50	1
Barry University	213	0	0	0	0	195	0	0	0	0	18	0
Beaver College PA	21	0	0	0	0	0	0	0	0	0	21	0
Bradley University	771	0	0	0	0	0	0	0	0	0	723	48
Bucknell University	339	0	0	20	0	0	0	0	68	21	230	0
California Lutheran U	200	0	0	0	0	200	0	0	0	0	0	0
Calvin College	45	0	0	0	0	0	0	0	0	0	45	0
Centenary College of LA	22	0	0	0	0	0	0	0	0	0	22	0
Chestnut Hill College	79	0	0	0	0	0	0	0	0	0	79	0
Colgate University	662	0	0	0	0	0	0	0	183	0	479	0
College of St Rose	117	0	0	0	0	0	0	0	0	0	117	0
College of St Scholastica	96	0	0	0	0	0	0	0	96	0	0	0
Connecticut College	434	0	0	0	0	0	0	0	106	0	328	0
Cooper Union	150	0	0	0	0	0	0	0	0	50	100	0
D'Youville College	28	0	0	0	0	28	0	0	0	0	0	0
De Pauw University	16	0	0	0	0	0	0	0	0	16	0	0
Drake University	180	0	0	0	0	0	0	0	88	59	33	0
Drew University	14	0	0	0	0	0	0	0	0	0	14	0
Elmira College	226	0	0	0	0	0	0	0	0	0	226	0
Embry Riddle Aeronautcl U	1,301	0	0	0	0	200	0	0	111	190	166	634
Fisk University	1,759	0	0	175	0	115	0	0	0	857	107	505
Furman University	239	0	0	0	0	0	0	0	0	0	239	0
Gallaudet University	1,521	0	0	0	0	333	0	0	522	0	666	0
Gonzaga University	107	0	0	0	0	0	0	0	0	0	107	0
Harding U All Campuses	24	0	0	0	0	0	0	0	0	24	0	0
Harvey Mudd College	554	0	0	0	0	247	0	0	0	33	274	0
Heritage College	137	0	0	0	0	137	0	0	0	0	0	0
Hollins College	19	0	0	0	0	0	0	0	0	0	19	0
Inter Am U PR Metropol	265	0	0	0	0	0	0	0	0	0	265	0
Iona College	158	0	0	0	0	28	0	0	0	0	130	0
Ithaca College	676	0	0	0	0	0	0	0	0	0	676	0
John Carroll University	303	0	0	0	0	0	0	0	0	259	44	0
Lesley College	152	0	0	0	0	0	0	0	0	0	152	0
Loyola College	88	0	0	0	0	0	0	0	0	0	88	0
Loyola Marymount U	155	0	0	0	0	0	0	0	116	39	0	0
Loyola U New Orleans	36	0	0	0	0	0	0	0	0	0	36	0
Madonna University	87	0	0	0	0	0	0	0	0	0	87	0
Manhattan College	269	0	0	0	0	0	0	189	0	0	80	0
Marywood College	10,000	0	0	10,000	0	0	0	0	0	0	0	0
Middlebury College	423	0	0	0	0	0	0	0	110	18	295	0
Mills College	582	0	0	0	0	0	0	0	0	0	582	0
Milwaukee School of Eng	92	0	0	0	0	0	0	0	0	0	92	0
Monmouth College NJ	2,372	0	0	2,300	0	0	0	0	0	0	72	0
Mount Holyoke College	836	0	0	0	0	0	75	0	95	0	666	0
New College of California	87	0	0	0	0	0	0	0	0	0	87	0
Niagara University	97	0	0	0	0	0	0	0	66	31	0	0
Norwich University	25	0	0	0	0	0	0	0	0	25	0	0
Oberlin College	1,076	0	0	0	0	0	0	0	409	0	667	0

See explanatory information, if any, and SOURCE at end of table.

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Table B-18. Federal obligations for science and engineering research and development to private master's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Occidental College	482	0	0	152	0	0	0	0	90	0	240	0
Our Lady of the Lake U	190	0	0	190	0	0	0	0	0	0	0	0
PA College of Optometry	276	0	0	0	0	0	0	0	276	0	0	0
Pacific Lutheran U	24	0	0	0	0	0	0	0	0	0	24	0
Pratt Institute	4	0	0	0	0	0	0	0	0	0	4	0
Quinnipiac College	249	0	0	0	0	0	0	0	249	0	0	0
Regis University CO	92	0	0	0	0	0	0	0	92	0	0	0
Rollins College	42	0	0	0	0	0	42	0	0	0	0	0
Rose Hulman Inst of Tech	99	0	0	0	0	0	0	0	0	17	82	0
Russell Sage College	119	0	0	0	0	0	0	0	0	0	119	0
Sacred Heart University	365	0	0	0	0	0	0	0	0	0	365	0
Seattle University	98	0	0	0	0	0	0	0	0	0	98	0
Simmons College	445	0	0	0	0	0	0	0	445	0	0	0
Springfield College MA	130	0	0	0	0	0	0	0	130	0	0	0
St Josephs Col ME	28	0	0	0	0	0	0	0	0	0	28	0
St Josephs University	71	0	0	0	0	0	0	0	0	0	71	0
St Marys Col CA	20	0	0	0	0	0	0	0	0	0	20	0
St Marys Col MN	10	0	0	0	0	0	0	0	0	0	10	0
St Michaels College	707	0	0	0	0	0	0	0	0	0	707	0
Swarthmore College	494	0	0	0	0	0	0	0	0	0	494	0
Trinity College CT	136	0	0	0	0	0	0	0	0	0	136	0
Trinity Evangel Div Schl	135	0	0	0	0	135	0	0	0	0	0	0
Trinity University	925	60	0	0	0	0	0	0	463	0	402	0
Tuskegee University	6,993	2,216	0	2,328	50	0	38	0	270	1,562	529	0
U Indianapolis	18	0	0	0	0	0	0	0	0	0	18	0
U San Francisco	727	0	0	0	0	0	0	0	394	289	44	0
U of St Thomas MN	25	0	0	0	0	0	0	0	0	0	25	0
U of the Sacred Heart	47	0	0	0	0	0	0	0	0	0	47	0
University of Bridgeport	55	0	0	0	55	0	0	0	0	0	0	0
University of New Haven	143	0	0	0	0	0	0	0	0	0	143	0
University of Portland	140	0	0	0	0	0	121	19	0	0	0	0
University of Richmond	161	0	0	0	0	0	94	0	0	0	67	0
University of Scranton	101	0	0	0	0	36	0	0	0	0	65	0
Valparaiso University	214	0	0	0	0	0	150	0	0	64	0	0
Vassar College	422	0	0	124	0	0	0	0	0	0	298	0
Vermont Law School	493	0	0	0	0	0	0	493	0	0	0	0
Washington College	44	0	0	0	0	0	0	0	0	0	44	0
Whitworth College	23	0	0	0	0	0	0	0	0	0	23	0
Williams College	763	0	0	0	0	0	0	0	317	5	441	0
Xavier University OH	122	0	0	0	0	0	0	0	122	0	0	0

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior.

KEY: Com = Department of Commerce
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USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993.

Table B-19. Federal obligations for science and engineering research and development to private bachelor's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Agnes Scott College	11	0	0	0	0	0	0	0	0	0	11	0
Alaska Pacific University	152	0	0	108	0	0	0	0	0	0	44	0
Albany Col of Pharmacy	94	0	0	0	0	0	0	0	94	0	0	0
Allegheny College	317	0	0	0	0	0	0	0	90	0	227	0
Alma College	222	0	0	0	0	0	0	0	0	0	222	0
Alvernia College	22	0	0	0	0	0	0	0	0	0	0	22
Amherst College	803	0	0	16	0	0	0	0	240	0	547	0
Augsburg College	860	0	0	219	0	0	0	0	0	0	641	0
Augustana College	178	68	0	0	0	0	0	0	0	0	110	0
Baldwin Wallace College	123	0	0	0	0	0	0	0	0	123	0	0
Barber Scotia College	238	0	0	0	0	24	18	0	0	0	196	0
Barnard College	984	0	0	93	0	0	0	0	714	0	177	0
Bates College	24	0	0	0	0	0	0	0	0	0	24	0
Beloit College	279	0	0	0	0	0	0	0	99	72	108	0
Benedict College	157	0	0	0	0	0	110	0	0	47	0	0
Bennett College NC	206	0	0	0	0	0	0	0	0	0	206	0
Bennington College	148	0	0	0	0	0	0	0	0	0	148	0
Berea College	21	0	0	0	0	0	0	0	0	0	21	0
Bethel College & Seminary	4	0	0	0	0	0	0	0	0	0	4	0
Bowdoin College	663	0	0	0	0	0	0	0	0	65	598	0
Bristol University	115	0	115	0	0	0	0	0	0	0	0	0
Burlington College	91	0	0	0	0	0	0	0	91	0	0	0
Carleton College	160	0	0	0	0	0	0	0	0	0	160	0
Carlow College	120	0	0	0	0	0	0	0	0	0	120	0
Carroll College MT	8	8	0	0	0	0	0	0	0	0	0	0
Carroll College WI	64	0	0	0	0	0	0	0	64	0	0	0
Centre College	8	0	0	0	0	0	0	0	0	0	8	0
Chatham College	40	0	0	0	0	40	0	0	0	0	0	0
Christian Brothers U	21	0	0	0	0	0	0	0	0	0	21	0
Claflin College	227	0	0	0	0	141	86	0	0	0	0	0
Claremont McKenna College	68	0	0	3	0	0	0	0	0	65	0	0
Coe College	133	0	0	0	0	0	0	0	0	0	110	23
Col of Notre Dame MD	128	0	0	0	0	0	0	0	0	0	128	0
Col of Our Lady of Elms	171	0	0	0	0	0	0	0	96	0	75	0
Col of the Holy Cross	570	0	0	0	0	0	0	0	306	13	251	0
Colby College	13	0	0	0	0	0	0	0	0	13	0	0
Colby-Sawyer College	101	0	0	0	0	0	0	0	101	0	0	0
College of Santa Fe	80	0	0	0	0	0	0	0	0	0	0	80
College of Wooster	137	0	0	0	0	0	0	0	0	120	17	0
Colorado College	41	0	0	0	0	0	0	0	0	0	41	0
Concordia Col Moorhead	65	0	0	0	0	0	0	0	0	0	65	0
Davidson College	247	0	0	0	0	0	0	0	167	0	80	0
Delaware Valley College	103	29	0	0	0	0	0	0	0	0	74	0
Denison University	104	6	0	0	0	0	47	0	0	51	0	0
Dickinson College	167	0	0	0	0	0	0	0	0	0	167	0
Dillard University	120	76	0	0	0	24	20	0	0	0	0	0
Divine Word College	29	0	0	0	0	0	0	0	0	0	29	0
Doane College	99	0	0	0	0	0	0	0	0	0	99	0
Dordt College	52	0	0	0	0	0	0	0	0	0	52	0
Earlham College	47	0	0	0	0	0	0	0	0	47	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for science and engineering research and development to private bachelor's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
East West University	160	0	0	0	0	160	0	0	0	0	0	0
Eckerd College	58	0	0	0	0	0	0	0	0	0	58	0
Elmhurst College	725	0	0	0	0	0	0	0	0	0	725	0
Erskine College	81	0	0	0	0	0	0	0	0	0	81	0
Fairfield University	29	0	0	0	0	0	0	0	0	0	29	0
Faulkner University	137	0	0	0	0	137	0	0	0	0	0	0
Ferrum College	55	0	0	0	0	0	0	0	0	0	55	0
Franklin & Marshall Col	352	0	0	0	0	0	0	0	0	9	343	0
Franklin Pierce Law Ctr	7	0	0	0	0	0	7	0	0	0	0	0
GMI Engineering Mgt Inst	383	0	0	0	0	0	0	0	0	0	383	0
Gettysburg College	281	0	0	0	0	0	0	0	0	0	281	0
Goucher College	19	0	0	0	0	0	0	0	0	0	19	0
Graceland College	23	0	0	0	0	0	0	0	0	0	23	0
Grinnell College	54	0	0	0	0	0	0	14	0	0	40	0
Guilford College	32	0	0	0	0	0	0	0	0	32	0	0
Gustavus Adolphus College	90	0	0	0	0	0	0	0	0	0	90	0
Hamilton College	106	0	0	0	0	0	0	0	0	0	106	0
Hamline University	100	0	0	0	0	0	0	0	0	0	100	0
Hampden Sydney College	99	0	0	0	0	0	0	0	0	99	0	0
Hampshire College	270	0	0	0	0	39	0	0	0	0	231	0
Hartwick College	38	0	0	0	0	0	0	0	0	0	38	0
Haverford College	344	0	0	0	0	0	0	0	0	0	344	0
Heidelberg College	20	0	0	0	0	0	0	0	0	20	0	0
Hobart Wm Smith Colleges	15	0	0	0	0	0	0	0	0	0	15	0
Hope College	541	0	0	0	0	0	0	0	104	69	368	0
Huston Tillotson College	8	0	0	0	0	0	0	0	0	0	0	8
Illinois Benedictine Col	37	0	0	0	0	0	0	0	0	37	0	0
Illinois Wesleyan U	54	0	0	0	0	0	0	0	0	54	0	0
Jamestown College	136	0	0	0	0	136	0	0	0	0	0	0
Jarvis Christian College	219	0	0	14	0	127	0	0	78	0	0	0
Juniata College	400	0	0	0	0	0	0	0	0	0	400	0
Kalamazoo College	248	0	0	0	0	0	0	0	171	0	77	0
Kenyon College	245	0	0	0	0	0	0	0	101	50	94	0
Kings College PA	73	0	0	0	0	0	0	0	0	0	73	0
Knox College	195	0	0	0	0	0	0	0	39	0	156	0
Knoxville College	248	14	0	234	0	0	0	0	0	0	0	0
Lafayette College	406	0	0	0	0	0	0	0	0	37	369	0
Lake Forest College	160	0	0	0	0	0	0	0	0	0	160	0
Lane College	44	0	0	0	0	25	19	0	0	0	0	0
Lawrence Technological U	10	0	0	0	0	0	0	0	0	0	10	0
Lawrence University	225	0	0	0	0	0	0	0	114	0	111	0
Le Moyne Owen College	69	0	0	0	0	0	0	0	0	0	69	0
Linfield College	191	0	0	151	0	0	0	0	0	0	40	0
Livingstone College	306	0	0	0	0	0	0	0	0	0	0	0
Louisiana College	10	10	0	0	0	306	0	0	0	0	0	0
Luther College	41	0	0	0	0	0	0	0	0	0	41	0
Lycoming College	547	0	0	0	0	0	0	0	547	0	0	0
Lyon College	260	0	0	0	0	156	0	0	0	0	104	0
Macalester College	177	0	0	0	0	0	0	0	0	0	177	0
Manchester College	12	0	0	0	0	0	0	0	0	12	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for science and engineering research and development to private bachelor's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Marietta College	16	0	0	0	0	0	.. 0	0	0	0	16	0
Mary Baldwin College	65	0	0	0	0	0	0	0	0	0	65	0
Merrimack College	328	0	0	0	0	0	0	250	0	0	78	0
Moravian College	23	0	0	23	0	0	0	0	0	0	0	0
Morehouse College	796	0	0	0	0	215	0	227	189	0	165	0
Morris Brown College	1,154	0	0	827	0	187	0	0	130	0	10	0
Mount St Marys Col MD	86	45	0	0	0	0	0	0	0	0	40	0
New England Col Optometry	104	0	0	0	0	0	0	0	104	0	0	0
Notre Dame College NH	40	0	0	0	0	40	0	0	0	0	0	0
Ohio Northern University	51	0	0	0	0	0	0	0	0	0	51	0
Ohio Wesleyan University	200	0	0	66	0	0	0	0	0	0	134	0
Phila Col of Text & Sci	25	0	0	0	0	0	0	0	0	0	25	0
Pomona College	458	0	0	0	0	0	0	0	198	0	260	0
Prescott College	37	0	0	0	0	0	0	0	0	0	0	37
Radcliffe College	1	0	0	0	0	0	0	0	0	0	0	1
Reed College	326	0	0	0	0	0	43	0	0	40	243	0
Rhodes College	25	0	0	0	0	0	0	0	0	0	25	0
Ripon College	78	0	0	0	0	0	0	0	0	0	78	0
Rust College	188	25	0	0	163	0	0	0	0	0	0	0
Seattle Pacific U	24	0	0	24	0	0	0	0	0	0	0	0
Selma University	127	0	0	0	0	0	127	0	0	0	0	0
Shaw University	74	20	0	54	0	0	0	0	0	0	0	0
Siena College	253	120	0	0	0	0	0	0	0	0	133	0
Sioux Falls College	21	0	0	0	0	0	0	0	0	0	21	0
Sistema U Ana G Mendez	200	0	0	0	0	0	0	0	0	0	200	0
Southern Col of Optometry	63	0	0	0	0	0	0	0	63	0	0	0
Spelman College	1,252	0	0	1,150	0	0	0	0	0	0	102	0
St Ambrose University	22	0	0	0	0	0	0	0	0	0	22	0
St Lawrence University	9	0	0	0	0	0	0	0	0	0	9	0
St Marys Col IN	3	3	0	0	0	0	0	0	0	0	0	0
St Olaf College	164	0	0	0	0	0	0	0	23	0	141	0
St Vincent College & Sem	330	0	0	0	0	0	0	0	0	0	330	0
Stillman College	25	0	0	0	0	25	0	0	0	0	0	0
Susquehanna University	136	0	0	0	0	0	0	0	115	21	0	0
Talladega College	239	0	0	0	0	36	0	0	0	0	203	0
Texas Wesleyan University	36	0	0	0	0	36	0	0	0	0	0	0
Transylvania University	131	0	0	0	0	0	0	0	105	0	26	0
Universidad Metropolitana	115	0	0	0	0	0	0	115	0	0	0	0
University of the South	5	0	0	0	0	0	0	0	0	0	5	0
Upper Iowa University	337	0	0	0	0	0	337	0	0	0	0	0
Ursinus College	22	0	0	0	0	0	0	0	0	0	22	0
Virginia Union University	324	0	0	0	0	324	0	0	0	0	0	0
Voorhees College	324	0	0	0	0	324	0	0	0	0	0	0
Wellesley College	2,355	0	0	0	0	0	0	123	883	137	1,212	0
Wentworth Inst of Tech	1,861	0	0	248	1,613	0	0	0	0	0	0	0
Western Maryland College	178	0	0	0	0	0	0	0	0	0	178	0
Westminster Col PA	2	0	0	0	0	0	0	0	0	2	0	0
Westmont College	27	0	0	0	0	0	0	0	0	0	27	0
Wheeling Jesuit College	2,968	0	0	0	0	210	0	0	0	2,758	0	0
Whitman College	51	0	0	0	0	0	0	0	0	0	51	0

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for science and engineering research and development to private bachelor's-granting universities and colleges, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Wilberforce University	433	5	0	0	0	0	0	0	0	428	0	0
Wiley College	199	0	0	0	0	135	0	0	0	0	64	0
William Penn College	23	0	0	0	0	0	0	0	0	0	23	0
Wittenberg University	25	0	0	0	0	0	0	0	0	25	0	0

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-20. Federal obligations for science and engineering research and development to private universities and colleges not granting science and engineering degrees, by agency: fiscal year 1993

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Bank Street Col of Ed	74	0	0	0	0	0	0	0	0	0	74	0
Blackfeet Community Col	1	0	0	0	0	0	0	0	0	0	0	1
Brewton Parker College	112	0	0	0	0	112	0	0	0	0	0	0
Chowan College	34	0	0	0	0	0	0	0	0	0	34	0
Cincinnati Col Mort Sci	216	0	0	0	0	216	0	0	0	0	0	0
Col Court Report Hobart	200	0	0	0	0	200	0	0	0	0	0	0
Col of West Virginia	132	0	0	0	0	0	132	0	0	0	0	0
College of the Atlantic	38	0	0	0	0	0	0	0	0	0	38	0
Columbia College IL	92	0	0	92	0	0	0	0	0	0	0	0
Cranbrook Acad of Art	202	0	0	0	0	202	0	0	0	0	0	0
D-Q University	80	0	0	0	0	0	80	0	0	0	0	0
Deep Springs College	19	0	0	0	0	0	0	0	0	0	19	0
Endicott College	75	0	0	0	0	0	0	0	75	0	0	0
Kilian Community College	27	0	0	0	0	27	0	0	0	0	0	0
Natl Hispanic University	256	0	0	196	0	0	60	0	0	0	0	0
Northwest Indian College	130	0	0	0	0	0	0	0	50	75	0	5
PA Technical Institute	467	0	0	0	0	0	0	0	0	0	0	467
Pace Institute	866	0	0	0	0	0	866	0	0	0	0	0
Salish Kootenai College	2	0	0	0	0	0	0	0	0	0	0	2

[1] In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior.

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NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-21. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
Total, all institutions	57,042	62,632	62,770	92,117	100,966	122,928	143,161	140,030
1 Howard University	9,497	9,173	6,719	12,291	15,541	19,124	19,433	18,417
2 NC Ag & Tech State U	3,620	3,421	4,234	6,617	6,078	5,955	6,199	11,284
3 Florida A&M University	2,368	2,526	2,194	3,340	4,480	10,121	7,314	9,247
4 Clark Atlanta University	3,363	2,606	2,959	5,379	7,947	11,010	23,201	7,673
5 Tuskegee University	3,021	3,027	3,323	3,627	4,151	5,165	5,345	6,993
6 Alabama A & M University	2,660	3,580	3,863	4,477	4,702	5,411	6,723	6,444
7 Jackson State University	1,279	1,827	2,314	3,204	3,136	3,184	4,190	6,374
8 Meharry Medical College	3,024	5,197	3,865	5,923	6,608	8,728	9,154	6,214
9 Hampton University	1,326	1,629	1,686	3,464	5,094	5,672	5,244	6,157
10 Tennessee State U	2,307	2,849	2,751	3,031	3,988	5,467	5,242	4,997
Total 1st 10 institutions	32,465	35,835	33,908	51,353	61,725	79,837	92,045	83,800
11 Prairie View A&M U	2,308	2,345	2,526	2,839	3,296	3,472	4,145	4,916
12 Southern U & A&M College	1,805	1,710	1,543	1,991	2,079	2,599	2,685	4,724
13 Morehouse School of Med	1,628	2,188	2,211	3,862	4,911	6,051	6,369	3,904
14 Kentucky State University	1,638	1,848	1,789	1,919	2,397	2,364	2,355	2,650
15 Fort Valley State College	1,753	1,432	1,594	1,684	2,014	1,897	2,554	2,598
16 South Carolina St U	1,112	1,189	1,154	1,593	1,536	1,839	2,263	2,287
17 Texas Southern U	1,415	1,511	1,554	1,612	1,795	1,918	2,153	2,277
18 University of DC	749	756	633	1,038	1,294	2,202	2,087	2,149
19 Virginia State University	1,863	1,906	1,625	1,776	2,205	2,348	2,430	2,107
20 U MD Eastern Shore	776	1,152	810	1,023	1,886	1,560	1,673	1,956
Total 1st 20 institutions	47,512	51,872	49,347	70,690	85,138	106,087	120,759	113,368
21 Alcorn State University	1,348	1,338	1,378	1,447	1,463	1,819	1,886	1,953
22 Lincoln University MO	1,452	1,447	1,552	1,674	1,902	1,909	2,088	1,887
23 Fisk University	934	443	574	469	707	705	1,139	1,759
24 U Arkansas Pine Bluff	1,157	1,166	1,215	1,262	1,345	1,545	1,591	1,628
25 Langston University	1,073	1,100	1,114	1,146	1,197	1,851	2,044	1,589
26 Delaware State University	441	461	481	487	545	647	1,065	1,531
27 Xavier University LA	90	110	998	8,545	1,546	1,821	2,762	1,405
28 Morgan State University	274	517	469	647	1,041	603	1,650	1,307
29 Spelman College	33	215	294	230	255	320	282	1,252
30 Lincoln University PA	360	351	272	648	661	525	318	1,232
Total 1st 30 institutions	54,674	59,020	57,694	87,245	95,800	117,832	135,584	128,911
31 U of the Virgin Islands	916	1,026	1,091	1,052	1,053	1,048	1,167	1,210
32 Morris Brown College	0	0	0	10	172	244	1,002	1,154
33 Central State U OH	0	0	135	227	605	441	428	1,139
34 Morehouse College	392	43	428	333	391	778	523	796
35 Grambling State U	124	251	378	594	557	269	646	617
36 Bowie State University	70	130	171	0	155	175	228	541
37 North Carolina Central U	0	344	545	402	395	411	214	521
38 Wilberforce University	0	0	0	0	10	6	11	433
39 Norfolk State University	82	143	315	816	205	209	562	387
40 West Virginia State Col	0	59	0	75	242	305	182	363
Total 1st 40 institutions	56,258	61,016	60,757	90,754	99,585	121,718	140,547	136,072
41 Virginia Union University	0	0	0	0	0	0	0	324
42 Voorhees College	85	48	62	63	14	0	0	324
43 Livingstone College	0	0	0	0	0	0	0	306
44 Elizabeth City State U	0	0	12	0	88	29	70	257
45 Knoxville College	7	7	0	0	0	0	0	248
46 Talladega College	0	0	0	0	0	222	0	239
47 Barber Scotia College	0	0	0	0	0	0	0	238
48 Claflin College	48	52	76	30	195	151	162	227
49 Jarvis Christian College	0	0	0	59	125	172	502	219
50 Bennett College NC	0	40	41	45	106	90	251	206
Total 1st 50 institutions	56,398	61,163	60,948	90,951	100,113	122,382	141,532	138,660

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
51 Wiley College	0	0	0	55	113	58	59	199
52 Rust College	53	55	76	52	12	50	342	188
53 Benedict College	151	25	4	25	41	0	0	157
54 Mississippi Valley St U	0	728	606	606	10	0	81	131
55 Selma University	0	141	183	0	140	0	139	127
56 Dillard University	27	41	0	0	10	24	100	120
57 Fayetteville State U	0	0	0	0	0	0	147	112
58 Bluefield State College	0	0	0	0	50	60	0	76
59 Shaw University	85	0	0	0	20	32	52	74
60 Le Moyne Owen College	0	13	0	0	270	62	50	69
Total 1st 60 institutions	56,714	62,166	61,817	91,689	100,779	122,668	142,502	139,913
61 Lane College	0	0	0	0	0	0	0	44
62 Stillman College	0	0	0	0	0	0	0	25
63 Trenholm St Tech Col	0	0	0	0	0	0	0	24
64 Alabama State University	45	76	90	74	0	130	167	12
65 Huston Tillotson College	0	0	0	0	0	0	0	8
66 Harris Stowe State Col	0	0	0	0	0	2	3	4
Albany State College	0	97	380	0	39	0	0	0
Bethune Cookman College	0	0	0	92	5	80	110	0
Bishop College	0	64	67	0	0	0	0	0
Coppin State College	0	0	0	0	25	25	0	0
Total 1st 70 institutions	56,759	62,403	62,354	91,855	100,848	122,905	142,782	140,030
Johnson C Smith U	0	0	0	0	7	11	35	0
Lewis College of Business	0	0	0	0	0	0	98	0
Mary Holmes College	0	0	0	0	0	0	8	0
Oakwood College	75	75	0	0	0	0	198	0
Paine College	0	44	43	0	0	0	40	0
Paul Quinn College	0	0	0	25	25	0	0	0
Philander Smith College	0	0	0	5	0	6	0	0
Savannah State College	0	19	90	115	86	6	0	0
St Augustines College	0	0	0	50	0	0	0	0
Tougaloo College	96	0	156	0	0	0	0	0
Total 1st 80 institutions	56,930	62,541	62,643	92,050	100,966	122,928	143,161	140,030
Winston Salem State U	112	91	127	67	0	0	0	0
Total 1st 81 institutions	57,042	62,632	62,770	92,117	100,966	122,928	143,161	140,030

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	140,030	34,549	17	25,530	2,314	5,125	6,137	1,900	21,353	20,356	19,491	3,258
1 Howard University	18,417	287	17	3,115	166	861	112	144	4,158	3,322	6,235	0
2 NC Ag & Tech State U	11,284	2,799	0	3,858	573	0	306	0	42	1,811	673	1,222
3 Florida A&M University	9,247	1,746	0	2,695	0	176	0	0	2,074	2,022	534	0
4 Clark Atlanta University	7,673	19	0	1,752	423	310	618	0	193	2,677	1,681	0
5 Tuskegee University	6,993	2,216	0	2,328	50	0	38	0	270	1,562	529	0
6 Alabama A & M University	6,444	2,344	0	1,392	351	165	0	0	0	790	1,109	293
7 Jackson State University	6,374	20	0	940	0	167	1,535	0	1,206	0	2,496	10
8 Meharry Medical College	6,214	0	0	185	0	0	173	0	4,863	0	993	0
9 Hampton University	6,157	0	0	858	0	0	258	119	0	2,666	2,256	0
10 Tennessee State U	4,997	2,318	0	1,039	0	39	0	0	819	732	0	50
Total 1st 10 institutions	83,800	11,749	17	18,162	1,563	1,718	3,040	263	13,625	15,582	16,506	1,575
11 Prairie View A&M U	4,916	2,935	0	217	0	0	600	0	0	1,058	35	71
12 Southern U & A&M College	4,724	1,228	0	1,146	166	167	0	391	964	45	502	115
13 Morehouse School of Med	3,904	0	0	0	0	0	106	0	3,267	471	60	0
14 Kentucky State University	2,650	2,650	0	0	0	0	0	0	0	0	0	0
15 Fort Valley State College	2,598	2,002	0	0	0	0	446	0	0	0	150	0
16 South Carolina St U	2,287	1,622	0	121	0	137	407	0	0	0	0	0
17 Texas Southern U	2,277	0	0	0	0	235	0	200	1,229	603	10	0
18 University of DC	2,149	529	0	138	0	0	0	0	374	683	308	117
19 Virginia State University	2,107	1,802	0	0	0	0	149	150	0	6	0	0
20 U MD Eastern Shore	1,956	1,197	0	52	0	337	0	0	370	0	0	0
Total 1st 20 institutions	113,368	25,714	17	19,836	1,729	2,594	4,748	1,004	19,829	18,448	17,571	1,878
21 Alcorn State University	1,953	1,888	0	65	0	0	0	0	0	0	0	0
22 Lincoln University MO	1,887	1,869	0	0	0	0	0	0	0	0	0	18
23 Fisk University	1,759	0	0	175	0	115	0	0	0	857	107	505
24 U Arkansas Pine Bluff	1,628	1,481	0	0	0	0	19	0	0	0	39	89
25 Langston University	1,589	1,582	0	0	0	0	7	0	0	0	0	0
26 Delaware State University	1,531	804	0	605	0	25	0	0	0	18	79	0
27 Xavier University LA	1,405	17	0	89	0	0	421	365	513	0	0	0
28 Morgan State University	1,307	0	0	218	160	0	468	304	0	0	157	0
29 Spelman College	1,252	0	0	1,150	0	0	0	0	0	0	102	0
30 Lincoln University PA	1,232	36	0	1,036	0	155	0	0	0	0	0	5
Total 1st 30 institutions	128,911	33,391	17	23,174	1,889	2,889	5,663	1,673	20,342	19,323	18,055	2,495
31 U of the Virgin Islands	1,210	1,018	0	0	0	0	0	0	85	0	0	107
32 Morris Brown College	1,154	0	0	827	0	187	0	0	130	0	10	0
33 Central State U OH	1,139	0	0	596	262	0	24	0	0	253	0	4
34 Morehouse College	796	0	0	0	0	215	0	227	189	0	165	0
35 Grambling State U	617	0	0	205	0	0	0	0	186	0	180	46
36 Bowie State University	541	0	0	150	0	0	0	0	102	45	169	75
37 North Carolina Central U	521	0	0	276	0	0	0	0	165	0	0	80
38 Wilberforce University	433	5	0	0	0	0	0	0	0	428	0	0
39 Norfolk State University	387	0	0	0	0	0	70	0	76	241	0	0
40 West Virginia State Col	363	0	0	0	0	0	0	0	0	0	0	363
Total 1st 40 institutions	136,072	34,414	17	25,228	2,151	3,291	5,757	1,900	21,275	20,290	18,579	3,170
41 Virginia Union University	324	0	0	0	0	324	0	0	0	0	0	0
42 Voorhees College	324	0	0	0	0	324	0	0	0	0	0	0
43 Livingstone College	306	0	0	0	0	306	0	0	0	0	0	0
44 Elizabeth City State U	257	0	0	0	0	207	0	0	0	0	50	0
45 Knoxville College	248	14	0	234	0	0	0	0	0	0	0	0
46 Talladega College	239	0	0	0	0	36	0	0	0	0	203	0
47 Barber Scotia College	238	0	0	0	0	24	18	0	0	0	196	0
48 Claflin College	227	0	0	0	0	141	86	0	0	0	0	0
49 Jarvis Christian College	219	0	0	14	0	127	0	0	78	0	0	0
50 Bennett College NC	206	0	0	0	0	0	0	0	0	0	206	0
Total 1st 50 institutions	138,660	34,428	17	25,476	2,151	4,780	5,861	1,900	21,353	20,290	19,234	3,170

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD research [1]	DoD development [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
51 Wiley College	199	0	0	0	0	135	0	0	0	0	64	0
52 Rust College	188	25	0	0	163	0	0	0	0	0	0	0
53 Benedict College	157	0	0	0	0	0	110	0	0	47	0	0
54 Mississippi Valley St U	131	0	0	0	0	112	0	0	0	19	0	0
55 Selma University	127	0	0	0	0	0	127	0	0	0	0	0
56 Dillard University	120	76	0	0	0	24	20	0	0	0	0	0
57 Fayetteville State U	112	0	0	0	0	0	0	0	0	0	112	0
58 Bluefield State College	76	0	0	0	0	0	0	0	0	0	0	76
59 Shaw University	74	20	0	54	0	0	0	0	0	0	0	0
60 Le Moyne Owen College	69	0	0	0	0	0	0	0	0	0	69	0
Total 1st 60 institutions	139,913	34,549	17	25,530	2,314	5,051	6,118	1,900	21,353	20,356	19,479	3,246
61 Lane College	44	0	0	0	0	25	19	0	0	0	0	0
62 Stillman College	25	0	0	0	0	25	0	0	0	0	0	0
63 Trenholm St Tech Col	24	0	0	0	0	24	0	0	0	0	0	0
64 Alabama State University	12	0	0	0	0	0	0	0	0	0	12	0
65 Huston Tillotson College	8	0	0	0	0	0	0	0	0	0	0	8
66 Harris Stowe State Col	4	0	0	0	0	0	0	0	0	0	0	4
Total 1st 66 institutions	140,030	34,549	17	25,530	2,314	5,125	6,137	1,900	21,353	20,356	19,491	3,258

[1] Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

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DOE = Department of Energy
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NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-23. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD re-search [1]	DoD devel-op-ment [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all systems	3,967,747	206,017	32,256	328,329	81,311	36,819	236,348	67,871	1,992,050	251,495	680,395	54,856
1 U of California Sys	950,330	21,797	6,519	64,973	4,258	6,642	64,406	4,220	565,561	59,172	148,348	4,434
2 U of Texas Sys	350,356	1,064	198	37,699	26,460	381	15,631	2,927	226,122	12,312	26,572	990
3 U of Wisconsin Sys	207,724	11,445	1,917	11,296	604	3,329	19,791	2,195	103,732	11,269	41,141	1,005
4 U of North Carolina Sys	207,427	14,338	3,212	16,196	731	4,062	4,323	8,586	118,192	5,547	27,046	5,194
5 Columbia U Sys	198,137	10	1,377	9,365	0	231	15,589	10,091	123,408	6,446	30,726	894
6 U of Illinois Sys	172,251	9,121	1,678	15,998	1,548	2,077	13,338	202	62,577	3,384	62,062	266
7 State U Sys of Florida	157,488	11,809	1,757	26,529	1,791	2,002	12,835	2,938	54,201	13,919	24,085	5,622
8 State U of New York Sys	143,370	2,019	0	9,126	972	0	8,079	1,267	86,287	4,080	28,566	2,974
9 U & State Col of Arizona Sys	141,904	4,691	205	11,988	1,496	1,095	4,605	2,090	55,330	23,482	33,622	3,300
10 U of Maryland Sys	139,808	6,913	3,864	13,153	1,928	502	7,983	4,243	56,593	17,314	26,605	710
11 U Sys of Georgia	121,854	13,660	583	21,019	15,934	1,655	15,684	4,889	27,991	7,427	11,615	1,397
12 U of Alabama Sys	119,155	655	201	6,937	1,930	1,411	1,869	1,135	79,180	17,330	7,963	544
13 Utah Higher Ed Sys	117,581	3,252	280	14,367	18,576	756	4,368	2,053	54,613	2,247	13,124	3,945
14 Oregon State Higher Ed Sys	117,358	14,015	912	7,929	28	3,251	4,283	3,122	53,886	3,367	22,420	4,145
15 Indiana U Sys	81,374	264	530	2,655	0	301	3,436	282	53,548	812	18,723	823
16 U of Massachusetts Sys	78,934	5,411	110	10,127	2,017	370	1,636	251	41,306	1,416	15,781	509
17 Texas A&M U Sys	73,739	16,697	1,063	7,206	100	0	5,917	2,164	14,300	4,926	18,962	2,404
18 City U of New York Sys	69,264	0	0	4,294	0	0	1,336	100	51,996	1,021	9,617	900
19 Louisiana State U Sys	58,339	5,690	637	14,801	0	0	2,703	3,620	23,198	1,250	5,060	1,380
20 U of Hawaii Sys	53,488	6,046	2,013	3,438	0	1,667	2,386	35	13,760	7,859	13,275	3,009
21 U of Tennessee Sys	50,445	6,065	0	3,329	295	223	10,992	406	22,221	849	5,545	520
22 U of Missouri Sys	44,344	9,225	75	2,903	0	1,691	2,329	226	17,713	645	7,754	1,783
23 California State U & Cols Sys	40,475	371	662	2,505	0	1,192	1,777	60	10,763	6,257	16,419	469
24 U of Nebraska Sys	36,621	8,702	0	1,308	0	96	911	357	15,379	888	8,715	265
25 U of Alaska Sys	34,065	1,569	1,448	707	0	200	552	514	1,914	12,901	12,442	1,818
26 U of Arkansas Sys	31,629	9,498	0	1,348	2,600	1,458	264	158	11,926	163	3,643	571
27 U of Houston Sys	26,660	150	20	1,398	0	0	921	195	6,078	12,500	5,383	15
28 U of Nevada Sys	24,865	1,733	658	685	0	0	3,637	6,084	6,296	573	3,539	1,660
29 Montana U Sys	24,347	5,154	0	929	0	695	936	457	3,339	883	10,905	1,049
30 U of Puerto Rico Sys	22,974	4,189	350	1,786	0	0	26	96	7,360	383	8,683	101
31 U of New Hampshire Sys	21,462	2,288	447	486	0	150	820	1,087	3,069	9,451	3,385	279
32 Southern Illinois U Sys	14,345	887	0	0	0	0	1,194	0	10,772	18	1,338	136
33 U of Maine Sys	12,806	4,414	1,401	348	0	629	1,420	1,544	717	97	1,856	380
34 State U & Cmty Col Sys of Tennessee	11,743	2,426	0	1,357	0	39	371	162	4,306	894	858	1,330
35 State Sys of Higher Ed	2,897	100	0	0	43	0	0	0	2,555	0	199	0
36 U of South Dakota Sys	2,739	100	0	0	0	0	0	0	1,223	22	1,359	35
37 Maricopa Co Cmty Col Sys	1,823	58	0	133	0	0	0	0	0	0	1,632	0
38 Claremont Cols Sys	1,080	0	0	3	0	247	0	0	198	98	534	0
39 State U Sys of Minnesota	776	150	139	0	0	0	0	0	288	65	134	0
40 Foothill-Deanza Cmty Col Dist Sys	332	0	0	0	0	104	0	0	0	228	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-23. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD research [1]	DoD development [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
41 Fundacion Educativa G Mendez Sys	315	0	0	0	0	0	0	115	0	0	200	0
42 Massachusetts State Col Sys	280	0	0	0	0	0	0	0	152	0	128	0
43 Inter American U of Puerto Rico Sys	265	0	0	0	0	0	0	0	0	0	265	0
44 Minnesota Cmty Col Sys	220	0	0	0	0	220	0	0	0	0	0	0
45 Virginia Cmty Col Sys	80	9	0	0	0	0	0	0	0	0	71	0
46 Los Angeles Cmty Col Sys	73	0	0	0	0	73	0	0	0	0	0	0
47 Massachusetts Cmty Col Sys	70	0	0	0	0	70	0	0	0	0	0	0
48 West Valley Joint Cmty Col Sys	47	0	0	0	0	0	0	0	0	0	47	0
49 Troy State U Sys	33	0	0	8	0	0	0	0	0	0	25	0
50 Cmty Col of Denver Sys	32	32	0	0	0	0	0	0	0	0	0	0
51 Contra Costa Cmty Col Dist Sys	23	0	0	0	0	0	0	0	0	0	23	0

[1] Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

[2] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: Includes obligations to every individual institution included within each system

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	3,178,070	17,259	1,821	829,864	32,563	614,488	54,279	1,196,488	2,128	211,088	185,238	32,854
New England, total	783,282	368	307	295,917	1,559	3,588	422	428,841	584	25,551	25,523	622
Connecticut, total	8,923	0	0	105	0	25	150	7,634	0	0	1,009	0
Hartford Hospital	111	0	0	0	0	0	0	111	0	0	0	0
Haskins Laboratories Inc	2,835	0	0	0	0	0	0	2,700	0	0	135	0
Human Relations Area File	750	0	0	0	0	0	0	0	0	0	750	0
John B Pierce Fdn of CT	3,592	0	0	100	0	0	0	3,492	0	0	0	0
Sigma Xi Society	30	0	0	5	0	25	0	0	0	0	0	0
Societal Inst of Math Sci	1,040	0	0	0	0	0	150	890	0	0	0	0
St Francis Hosp & Med Ctr	441	0	0	0	0	0	0	441	0	0	0	0
Yale Southern Observatory	124	0	0	0	0	0	0	0	0	0	124	0
Maine, total	15,370	0	0	77	195	0	0	13,620	0	190	1,288	0
Acadia Institute	147	0	0	0	0	0	0	0	0	0	147	0
Down East Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Franklin Mem Hlth Care	50	0	0	0	0	0	0	50	0	0	0	0
Jackson Laboratory	12,994	0	0	0	0	0	0	12,835	0	0	159	0
Maine Coast Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Maine Medical Center	200	0	0	0	0	0	0	200	0	0	0	0
Miles Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Mount Desert Isld Bio Lab	324	0	0	0	0	0	0	285	0	0	39	0
Multiple Handicapped Ctr	195	0	0	0	195	0	0	0	0	0	0	0
Northeastern Rsch Fdn	1,210	0	0	77	0	0	0	0	0	190	943	0
St Andrews Hosp Boothbay	50	0	0	0	0	0	0	50	0	0	0	0
Waldo Co General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Massachusetts, total	739,253	319	307	295,359	1,364	3,456	272	390,176	584	25,181	21,617	618
Accion International	1	0	0	0	0	0	0	0	0	0	0	1
Action Boston Cmty Dvlpmt	94	0	0	0	0	0	0	94	0	0	0	0
Am Acad of Arts & Sci	303	0	0	0	0	0	0	0	0	0	303	0
Am Assc Variable Star Obs	58	0	0	0	0	0	0	0	0	58	0	0
Am Meteorological Soc	1,446	0	0	0	0	0	0	0	0	0	1,446	0
Assc Women Mathematics	115	0	0	34	0	0	0	0	0	0	81	0
Berkshire Medical Ctr	500	0	0	0	0	0	0	500	0	0	0	0
Beth Israel Hosp MA	468	0	0	52	0	0	0	357	0	59	0	0
Biomechanics Inst Inc	446	0	0	0	0	0	0	446	0	0	0	0
Boston Biomedical Rsch	5,873	0	0	0	0	0	0	5,873	0	0	0	0
Brigham and Womens Hosp	86,394	0	0	110	0	20	0	86,025	0	99	140	0
Center Plant Conservation	5	5	0	0	0	0	0	0	0	0	0	0
Child Hosp Boston	32,816	0	0	0	403	0	0	32,253	0	160	0	0
Childrens Museum Boston	348	0	0	0	0	0	0	0	0	0	348	0
Ctr Blood Research	8,066	0	0	0	0	0	0	8,066	0	0	0	0
Ctr Hlth Economic Rsch	763	0	0	0	0	0	0	763	0	0	0	0
Ctr Tech Commercializatn	1,415	0	0	0	0	0	0	0	0	1,415	0	0
Draper Laboratories	64,327	0	0	53,259	0	0	0	0	0	11,068	0	0
EK Shriver Ctr Mental	5,353	0	0	0	0	259	0	4,993	0	0	101	0
Ed and Resources Group	36	0	0	0	0	0	0	0	0	0	36	0
Education Development Ctr	7,940	0	0	0	0	0	0	1,378	0	0	6,562	0
Environmental Careers Org	545	0	0	0	0	0	0	0	545	0	0	0
Eye Research Institute	333	0	0	0	0	333	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
New England, continued:												
Massachusetts, continued:												
Factory Mutual Research	307	0	107	0	0	200	0	0	0	0	0	0
Forsyth Dental Center	5,366	0	0	0	0	0	0	5,366	0	0	0	0
Frontier Sci & Tech Rsch	1,853	0	0	0	0	0	0	1,853	0	0	0	0
Hebrew Rehab Center	4,053	0	0	0	0	0	0	4,053	0	0	0	0
Human Svc Rsch Institute	710	0	0	0	175	0	0	535	0	0	0	0
Inst for Sci Rsch Inc	198	0	0	0	0	0	0	0	0	138	60	0
Intl Space University	30	0	0	0	0	0	0	0	0	30	0	0
JASON Fdn for Education	309	0	0	0	249	0	0	0	0	60	0	0
Joslin Diabetes Fdn Inc	7,955	0	0	0	0	0	0	7,870	0	0	85	0
MA Eye & Ear Infirmary	6,976	0	0	58	0	0	0	6,918	0	0	0	0
MA General Hospital	89,109	305	0	4,442	0	681	0	83,258	0	160	263	0
MA Health Research Inst	266	0	0	0	0	0	0	266	0	0	0	0
Maria Mitchell Observ	60	0	0	0	0	0	0	0	0	0	60	0
Marine Biological Lab	2,194	9	0	85	0	315	166	1,508	39	72	0	0
McLean Hospital	10,511	0	0	0	0	0	0	10,384	0	0	127	0
Mitre Corporation	246,344	0	0	234,350	0	0	0	0	0	11,191	190	613
Museum of Science	866	0	0	0	0	0	0	0	0	0	866	0
N Charles Mental Health	328	0	0	0	0	0	0	328	0	0	0	0
N E Radio Observatory Ctr	1,300	0	0	0	0	0	0	0	0	0	1,300	0
Natl Bureau Econ Rsch Inc	5,214	0	0	0	0	0	0	2,312	0	0	2,902	0
Natl Consumer Law Inc	75	0	0	0	0	0	0	75	0	0	0	0
Natl Prevent Eldrly Abuse	50	0	0	0	0	0	0	50	0	0	0	0
Network Inc	1,196	0	0	0	201	344	0	0	0	0	651	0
New Eng Deaconess Hosp	13,977	0	0	2,629	0	0	0	11,078	0	270	0	0
New Eng Med Ctr & Hosp	23,642	0	0	190	111	650	0	22,691	0	0	0	0
New England Aquarium Corp	231	0	200	0	0	0	20	0	0	0	11	0
Schepens Eye Rsch Inst	5,906	0	0	0	0	0	0	5,906	0	0	0	0
Sea Education Association	202	0	0	0	0	0	0	0	0	0	202	0
Sidney Farber Cancer Inst	51,700	0	0	0	0	0	0	51,700	0	0	0	0
St Eliz Hosp Boston MA	3,004	0	0	0	0	0	0	3,004	0	0	0	0
Tech Education Rsch Ctr	5,076	0	0	0	225	0	0	0	0	0	4,851	0
University Hospital MA	6,645	0	0	0	0	0	0	6,645	0	0	0	0
Vietnam Veterans Workshop	19	0	0	0	0	0	0	19	0	0	0	0
WGBH Educational Fdn	868	0	0	0	0	250	0	0	0	300	318	0
Whitehead Inst Biomed	15,895	0	0	0	0	0	0	15,392	0	0	503	0
Wmn in the Bldg Trades	2	0	0	0	0	0	0	0	0	0	0	2
Woods Hole Research Ctr	508	0	0	0	0	321	86	0	0	101	0	0
Worcester Fdn Exper Bio	8,661	0	0	150	0	83	0	8,217	0	0	211	0
YWCA Boston MA	1	0	0	0	0	0	0	0	0	0	0	1
YWCA Malden MA	1	0	0	0	0	0	0	0	0	0	0	1
New Hampshire, total	407	0	0	237	0	0	0	145	0	0	25	0
Acad of Applied Science	192	0	0	192	0	0	0	0	0	0	0	0
Assc Physical Sys Math	25	0	0	0	0	0	0	0	0	0	25	0
Littleton Hospital	50	0	0	0	0	0	0	50	0	0	0	0
New Engl Inst Landscape	45	0	0	45	0	0	0	0	0	0	0	0
Upper Court Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
New England, continued:												
New Hampshire, continued:												
Weeks Memorial Hospital	45	0	0	0	0	0	0	45	0	0	0	0
Rhode Island, total	18,035	49	0	139	0	107	0	17,062	0	180	495	3
Am Mathematical Society	438	0	0	0	0	20	0	0	0	0	418	0
Butler Hospital	1,063	0	0	0	0	0	0	1,063	0	0	0	0
Dorcas Place	3	0	0	0	0	0	0	0	0	0	0	3
Emma Pendleton Bradley	621	0	0	0	0	0	0	621	0	0	0	0
Gordon Rsch Conferences	311	49	0	139	0	12	0	0	0	105	6	0
Memorial Hosp Pawtucket	2,877	0	0	0	0	0	0	2,877	0	0	0	0
Miriam Hospital	3,623	0	0	0	0	0	0	3,548	0	75	0	0
Rhode Island Hospital	4,572	0	0	0	0	75	0	4,426	0	0	71	0
Roger Williams Gen Hosp	3,480	0	0	0	0	0	0	3,480	0	0	0	0
Women & Infants Hosp	1,047	0	0	0	0	0	0	1,047	0	0	0	0
Vermont, total	1,294	0	0	0	0	0	0	204	0	0	1,089	1
N New Eng Tradeswomen	1	0	0	0	0	0	0	0	0	0	0	1
National Gardening Assc	1,089	0	0	0	0	0	0	0	0	0	1,089	0
Northeastern VT Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Rutland Regional Med Ctr	154	0	0	0	0	0	0	154	0	0	0	0
Middle Atlantic, total	349,873	4,856	60	20,903	6,624	3,418	2,631	240,778	107	2,941	65,878	1,677
New Jersey, total	31,834	0	0	77	809	100	0	27,578	0	0	2,470	800
Beth Israel Hosp NJ	22,674	0	0	0	0	0	0	22,674	0	0	0	0
Carrier Clinic Foundation	663	0	0	0	0	0	0	663	0	0	0	0
Coriell Inst for Med Rsch	1,577	0	0	0	0	0	0	1,577	0	0	0	0
Ctr Molecular Med & Immun	2,497	0	0	0	0	0	0	2,497	0	0	0	0
Ctr for Social&Legal Rsch	100	0	0	0	0	100	0	0	0	0	0	0
Educational Testing Srvc	2,022	0	0	67	383	0	0	0	0	0	772	800
Hackensack Hospital	117	0	0	0	0	0	0	117	0	0	0	0
Inst Elec & Electron Eng	10	0	0	10	0	0	0	0	0	0	0	0
Kessler Inst for Rehab	426	0	0	0	426	0	0	0	0	0	0	0
NJ Bus Sci Ed Consortium	61	0	0	0	0	0	0	0	0	0	61	0
Our Lady Lords Assc Fdn	50	0	0	0	0	0	0	50	0	0	0	0
Overlook Hospital	1,138	0	0	0	0	0	0	0	0	0	1,138	0
Princeton U Press	129	0	0	0	0	0	0	0	0	0	129	0
Somerset Co Bus Ed Partn	370	0	0	0	0	0	0	0	0	0	370	0
New York, total	206,537	4,619	0	11,305	3,207	1,474	2,351	138,878	107	1,951	42,041	604
Acoustical Soc America	80	0	0	80	0	0	0	0	0	0	0	0
Am Assc of Engineers	175	0	0	0	0	0	0	0	0	0	175	0
Am Cncl Learned Societies	188	0	0	0	0	0	0	0	0	0	188	0
Am Foundation for Blind	248	0	0	0	248	0	0	0	0	0	0	0
Am Inst Aeronautic Astro	1,259	0	0	0	0	0	0	0	0	1,259	0	0
Am Museum of Natl Hist	869	5	0	0	0	39	0	0	0	255	570	0
American Hlth Fdn Inc	11,706	0	0	0	0	0	0	11,706	0	0	0	0
Assc Computing Machinery	36	0	0	0	0	0	0	0	0	0	36	0
Assc Rsch Vision Ophthal	42	0	0	0	0	0	0	42	0	0	0	0
B Thompson Inst Plant	1,896	738	0	0	0	158	110	353	0	0	527	0

See explanatory information, if any, and SOURCE at end of table.

Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Middle Atlantic, continued:												
New York, continued:												
Beth Israel Medical Ctr	3,434	0	0	0	0	0	0	3,434	0	0	0	0
Bronx Lebanon Hosp Ctr	816	0	0	0	0	0	0	816	0	0	0	0
Brookdale Hospital Center	343	0	0	0	0	0	0	343	0	0	0	0
Brooklyn Childrens Museum	1,236	0	0	0	0	0	0	0	0	0	1,236	0
Buffalo Soc Natural Sci	292	0	0	0	0	0	0	0	0	0	292	0
Burke Rehabilitation Ctr	715	0	0	0	0	0	0	715	0	0	0	0
Calspan U Buffalo Rsch	136	0	0	0	0	0	0	0	0	136	0	0
Canton Potsdam Hospital	49	0	0	0	0	0	0	49	0	0	0	0
Cath Med Brklyn Queens	1,269	0	0	0	0	0	0	1,269	0	0	0	0
Childrens TV Workshop	257	0	0	0	0	0	0	0	0	0	257	0
Cmty Gen Hosp Sullivan	40	0	0	0	0	0	0	40	0	0	0	0
Cold Spring Harbor Lab	19,858	0	0	3	0	548	0	17,335	0	0	1,972	0
College Board	3,076	0	0	0	1,656	0	0	0	0	0	1,420	0
Delaware Valley Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Discovery Ctr Sci & Tech	112	0	0	0	0	0	0	0	0	0	112	0
Dosecc Inc	375	0	0	0	0	0	0	0	0	0	375	0
Elizabethtown Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Environmentl Defense Fund	290	0	0	0	0	0	290	0	0	0	0	0
Everywoman Oppty Center	1	0	0	0	0	0	0	0	0	0	0	1
Girls Clubs of America	348	0	0	0	0	0	0	0	0	0	348	0
H Keller Natl Ctr Deaf	99	0	0	0	99	0	0	0	0	0	0	0
Health Research Inc	1,685	133	0	347	0	34	181	0	0	75	915	0
Hosp Joint Disease Ortho	711	0	0	0	0	0	0	595	0	0	116	0
Hosp for Special Surgery	4,100	0	0	0	0	0	0	4,100	0	0	0	0
Inst of Elec Engineers	70	0	0	31	0	28	0	0	0	11	0	0
Inter Faith Medical Ctr	114	0	0	0	0	0	0	114	0	0	0	0
Intl Ctr for the Disabled	100	0	0	0	100	0	0	0	0	0	0	0
Joint Ocean Insts Inc	30,487	0	0	105	0	0	0	0	0	0	30,382	0
Legal Services for NYC	75	0	0	0	0	0	0	75	0	0	0	0
Lenox Hill Hospital	30	0	0	0	0	0	0	30	0	0	0	0
Lexington Center Inc	624	0	0	0	624	0	0	0	0	0	0	0
Light House	150	0	0	0	150	0	0	0	0	0	0	0
Long Island Jew Hillside	5,112	0	0	0	0	0	0	5,112	0	0	0	0
Manhattan Eye/Ear/Throat	98	0	0	0	0	0	0	98	0	0	0	0
Manpower Demon Rsch Corp	550	0	0	0	0	0	0	0	0	0	0	550
Margaretville Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Mary Imogene Basset Hosp	821	0	0	0	0	0	0	821	0	0	0	0
Masonic Medical Rsch Lab	456	0	0	0	0	0	0	456	0	0	0	0
Med Rsch Fdn Buffalo	1,941	0	0	0	0	0	0	1,849	0	0	92	0
Monroe Co Long Term Care	346	0	0	0	0	0	0	346	0	0	0	0
Montefiore Hosp & Med Ctr	11,305	0	0	0	0	0	0	11,305	0	0	0	0
Ms. Fdn for Women	25	0	0	0	0	0	0	0	0	0	0	25
N E Consrtm Eng Ed	809	0	0	809	0	0	0	0	0	0	0	0
NY Academy of Science	15	0	0	0	0	5	0	0	0	10	0	0
NY Botan Gard Inst Ecosys	219	42	0	0	0	0	0	0	107	70	0	0
NY Botanical Garden NY	5,916	3,686	0	52	0	0	0	0	0	0	2,178	0
NY Soc Relf Ruptrd&Cripld	135	0	0	0	0	0	0	0	0	135	0	0

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Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Middle Atlantic, continued:												
New York, continued:												
Natl Actn Cncl Minorities	48	0	0	0	0	0	0	0	0	0	48	0
Natl Audobon Society	76	0	0	0	0	0	76	0	0	0	0	0
Natl Cncl Rsch on Women	1	0	0	0	0	0	0	0	0	0	0	1
Natl Ctr Disability Svc	330	0	0	0	330	0	0	0	0	0	0	0
Natl Hemophilia Fdn	2,598	0	0	0	0	0	0	2,598	0	0	0	0
New York Acad of Med	30	0	0	0	0	0	0	0	0	0	30	0
New York Blood Center	165	0	0	165	0	0	0	0	0	0	0	0
New York Womens Agenda	2	0	0	0	0	0	0	0	0	0	0	2
North Shore U Hospital	4,616	0	0	0	0	0	0	4,616	0	0	0	0
Nucleic Acid Tech Fdn	15	15	0	0	0	0	0	0	0	0	0	0
Palisades Geophysical Ins	35	0	0	35	0	0	0	0	0	0	0	0
Population Council	2,583	0	0	0	0	0	0	2,583	0	0	0	0
Presbyterian Hosp in NY	2,596	0	0	0	0	0	0	2,596	0	0	0	0
Public Health Res Inst	4,968	0	0	0	0	0	0	4,684	0	0	284	0
Riverside Research Inst	6,141	0	0	4,865	0	0	0	1,276	0	0	0	0
Sloan Kettering Cancer	48,438	0	0	227	0	642	0	47,423	0	0	146	0
Social Science Rsch Cncl	137	0	0	0	0	0	0	0	0	0	112	25
St Lukes Inst for Health	5,905	0	0	0	0	0	0	5,905	0	0	0	0
St Lukes Roosevlt Hosp C	1,368	0	0	0	0	0	0	1,368	0	0	0	0
Syracuse Research Corp	6,252	0	0	4,568	0	0	1,684	0	0	0	0	0
Trudeau Institute Inc	1,831	0	0	0	0	0	0	1,831	0	0	0	0
United Engineering Trusts	38	0	0	18	0	10	10	0	0	0	0	0
Visiting Nurse Svc NY	103	0	0	0	0	0	0	103	0	0	0	0
W Alton Jones Cell Sci	2,973	0	0	0	0	0	0	2,743	0	0	230	0
Pennsylvania, total	111,502	237	60	9,521	2,608	1,844	280	74,322	0	990	21,367	273
Acad Natural Sci Phila	995	0	0	0	0	0	261	0	0	0	734	0
Albert Einstein Med Ctr	636	0	0	0	0	0	0	256	0	0	380	0
Allegheny General Hosp	389	0	0	0	0	0	0	389	0	0	0	0
Allegheny Singer Rsch	2,310	0	0	0	0	0	0	2,310	0	0	0	0
Am Inst Rsch Pittsburgh	1,263	0	0	125	0	0	0	952	0	0	186	0
Am Soc Testing Materials	19	0	0	0	0	0	19	0	0	0	0	0
Big Sisters of Phila	1	0	0	0	0	0	0	0	0	0	0	1
Carnegie Inst Pittsburgh	111	0	0	0	0	0	0	0	0	0	111	0
Child Hosp Phila	17,329	0	0	950	0	0	0	16,379	0	0	0	0
Child Hosp Pittsburgh	5,200	0	0	0	0	0	0	5,200	0	0	0	0
Ctr Applied Neuropsych	100	0	0	0	100	0	0	0	0	0	0	0
Ctr Hzrds Materials Rsch	60	0	60	0	0	0	0	0	0	0	0	0
D Guthrie Fdn Med Rsch	249	0	0	0	0	0	0	249	0	0	0	0
Deshong Museum	4	4	0	0	0	0	0	0	0	0	0	0
Emergency Care Rsch Inst	25	0	0	0	0	0	0	25	0	0	0	0
Eye & Ear Inst Pittsbrgh	184	0	0	184	0	0	0	0	0	0	0	0
Fox Chase Cancer Center	1,127	0	0	967	0	0	0	0	0	0	160	0
Franklin Inst	1,263	0	0	0	0	0	0	0	0	0	1,263	0
Girl Scouts of Del Co	10	10	0	0	0	0	0	0	0	0	0	0
Graduate Hospital	1,754	0	0	0	0	0	0	1,754	0	0	0	0
Greater Erie Cmty Action	190	0	0	0	190	0	0	0	0	0	0	0
Greene Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0

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[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Middle Atlantic, continued:												
Pennsylvania, continued:												
Inst Expermntl Psychiatry	135	0	0	0	0	0	0	0	0	135	0	0
Inst for Cancer Research	9,578	0	0	0	0	0	0	9,301	0	0	277	0
Lankenau Med Rsch Center	1,514	0	0	0	0	0	0	1,514	0	0	0	0
MPC Corporation	18,053	0	0	0	0	0	0	1,171	0	0	16,882	0
Magee Womens Hosp	1,733	0	0	0	0	0	0	1,733	0	0	0	0
Materials Research Soc	592	0	0	92	0	0	0	0	0	500	0	0
Matrix Research Institute	781	0	0	0	781	0	0	0	0	0	0	0
Mercy Catholic Med Ctr	434	0	0	0	0	0	0	434	0	0	0	0
Mercy Hosp of Pittsburgh	79	0	0	0	0	0	0	79	0	0	0	0
Mercy Hospital Scranton	178	0	0	0	0	0	0	178	0	0	0	0
Metro Pittsbgh Pub Broadc	278	0	0	0	0	0	0	0	0	0	278	0
Mineral Metals Mat Soc	4	0	0	4	0	0	0	0	0	0	0	0
Mineralogical Soc of Am	10	0	0	0	0	10	0	0	0	0	0	0
Monell Chem Senses Ctr	4,113	136	0	0	0	0	0	3,977	0	0	0	0
Montefiore Hospital	4,406	0	0	0	0	0	0	4,406	0	0	0	0
Moss Rehabilitation Hosp	855	0	0	0	49	0	0	806	0	0	0	0
Natl Conf PR Women Inc	1	0	0	0	0	0	0	0	0	0	0	1
Natl Defense Environ Corp	4,483	0	0	4,483	0	0	0	0	0	0	0	0
PA Horticultural Society	11	11	0	0	0	0	0	0	0	0	0	0
Pennsylvania Hospital	641	0	0	0	0	0	0	641	0	0	0	0
Philadelphia Geriatrc Ctr	2,150	0	0	0	0	0	0	2,150	0	0	0	0
Philadelphia Psychiatric	163	0	0	0	0	0	0	163	0	0	0	0
Punxsutawney Area Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Research Better Schls Inc	1,320	0	0	0	1,320	0	0	0	0	0	0	0
Rodale Institute	76	76	0	0	0	0	0	0	0	0	0	0
Soc Automotive Engineers	444	0	0	90	0	0	0	0	0	0	83	271
Soc Industrial App M	230	0	0	10	0	30	0	0	0	0	190	0
Troy Community Hospital	50	0	0	0	0	0	0	50	0	0	0	0
U City Science Center	7,998	0	0	2,616	0	1,804	0	3,223	0	355	0	0
W PA Sch Blind Children	168	0	0	0	168	0	0	0	0	0	0	0
Weis Center for Research	2,775	0	0	0	0	0	0	2,775	0	0	0	0
Wills Eye Hospital	217	0	0	0	0	0	0	217	0	0	0	0
Wistar Institute	14,302	0	0	0	0	0	0	13,890	0	0	412	0
Zoological Soc of Phila	411	0	0	0	0	0	0	0	0	0	411	0
East North Central, total	338,863	313	857	198,877	3,278	3,990	10,742	71,158	54	14,543	31,127	3,924
Illinois, total	105,193	35	0	57,348	2,893	1,442	659	30,693	54	47	10,997	1,025
Am Acad of Pediatrics	766	0	0	0	0	0	0	762	0	0	0	4
Am Col of Radiology	7,243	0	0	0	0	0	0	7,243	0	0	0	0
Am Dental Assc for Hlth	1,663	0	0	13	0	0	0	1,650	0	0	0	0
Am Inst Indian Studies	18	0	0	0	0	0	0	0	0	0	18	0
American Bar Foundation	615	0	0	0	0	0	0	200	0	0	415	0
American Foundrymen Soc	79	0	0	0	0	79	0	0	0	0	0	0
American Nuclear Society	18	0	0	0	0	13	0	0	0	0	0	5
Boys&Girls Clubs Chicago	4	4	0	0	0	0	0	0	0	0	0	0
Carle Foundation Hospital	582	0	0	0	0	0	0	268	0	0	314	0
Chicago Acad of Sci	15	0	0	0	0	0	0	0	0	0	15	0

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[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
East North Central, continued:												
Illinois, continued:												
Chicago Horticultural Soc	344	0	0	0	0	0	0	0	0	0	344	0
Chicago Zoological Soc	97	0	0	0	0	0	0	0	0	0	97	0
Council Adv Sci Writing	1,341	0	0	0	0	0	0	0	0	0	1,341	0
Ctr American Archeology	96	0	0	0	0	0	0	0	0	0	96	0
East Asian Hist of Sci	30	0	0	0	0	0	0	0	0	0	30	0
Easter Seal Soc Dsbld	100	0	0	0	0	0	0	100	0	0	0	0
Ed A Utlaut Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Evanston Hospital	884	0	0	0	0	0	0	884	0	0	0	0
Family Rsch on Disability	94	0	0	0	94	0	0	0	0	0	0	0
Field Museum Natural Hist	3,555	0	0	0	0	0	0	0	0	40	3,515	0
Graham Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Hardin County Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Harrisburg Med Ctr Inc	50	0	0	0	0	0	0	50	0	0	0	0
Hektoen Inst Med Rsch	888	0	0	0	0	0	0	888	0	0	0	0
IIT Research Institute	61,310	0	0	57,046	0	613	149	2,488	0	0	0	1,014
Illini Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Illinois State Museum	54	0	0	0	0	0	0	0	54	0	0	0
Ingalls Mem Hospital	163	0	0	0	0	0	0	163	0	0	0	0
Inst of Gas Technology	852	0	0	115	0	737	0	0	0	0	0	0
Mercy Hospital & Med Ctr	33	0	0	0	0	0	0	33	0	0	0	0
Methodist Hosp Peoria IL	180	0	0	0	0	0	0	180	0	0	0	0
Museum of Sci & Industry	495	0	0	0	0	0	0	0	0	0	495	0
NC Reg Educational Lab	1,327	0	0	0	1,327	0	0	0	0	0	0	0
Natl Clrnghse Legal Svcs	90	0	0	0	0	0	0	90	0	0	0	0
Natl Opinion Research Ctr	3,971	0	0	0	0	0	0	1,715	0	0	2,256	0
Natl Safety Council	400	0	0	0	0	0	400	0	0	0	0	0
Openlands Project	31	31	0	0	0	0	0	0	0	0	0	0
Rehab Inst of Chicago	2,924	0	0	0	899	0	0	25	0	0	2,000	0
Rush Presbyterian St Luke	13,449	0	0	159	0	0	110	13,112	0	7	61	0
St Josephs Hosp Chicago	592	0	0	0	0	0	0	592	0	0	0	0
Thomas H Boyd Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Thresholds	573	0	0	0	573	0	0	0	0	0	0	0
Vibration Institute	15	0	0	15	0	0	0	0	0	0	0	0
Wmns Business Dvlpmt Ctr	2	0	0	0	0	0	0	0	0	0	0	2
Indiana, total	584	98	0	25	0	0	0	167	0	98	196	0
Conservation Tillage Info	6	6	0	0	0	0	0	0	0	0	0	0
Council Biology Editors	196	0	0	0	0	0	0	0	0	0	196	0
Methodist Hosp Indnpol IN	159	92	0	0	0	0	0	67	0	0	0	0
Natl Cnsrtm Grad Eng Min	98	0	0	0	0	0	0	0	0	98	0	0
Orange County Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Org American Historians	25	0	0	25	0	0	0	0	0	0	0	0
Perry Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Michigan, total	100,363	180	632	76,173	385	45	0	3,697	0	2,392	16,859	0
Borgess Medical Center	225	0	0	0	0	0	0	225	0	0	0	0
Butterworth Hospital	316	0	0	0	0	0	0	316	0	0	0	0
Calumet Public Hospital	50	0	0	0	0	0	0	50	0	0	0	0

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Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
East North Central, continued:												
Michigan, continued:												
Child Hosp Michigan	353	0	0	0	0	0	0	353	0	0	0	0
Cmty Training & Dev Corp	80	0	0	0	0	0	0	80	0	0	0	0
Ctr Social Gerontology	250	0	0	0	0	0	0	250	0	0	0	0
Detroit Area Pre Col Eng	74	0	0	0	0	0	0	0	0	0	74	0
Environmental Rsch Inst	21,540	0	0	18,893	0	0	0	205	0	2,392	50	0
Focus Hope	18,671	0	0	18,671	0	0	0	0	0	0	0	0
Gerber Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Henry Ford Hospital	561	0	0	0	0	0	0	536	0	0	25	0
Herbert H&Grace A Dow Fdn	180	180	0	0	0	0	0	0	0	0	0	0
Industrial Tech Institute	1,053	0	632	421	0	0	0	0	0	0	0	0
Kalamazoo Area Math & Sci	3,303	0	0	0	0	0	0	0	0	0	3,303	0
Kelsey Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Merit Network Inc	13,407	0	0	0	0	0	0	0	0	0	13,407	0
Michigan Molecular Inst	372	0	0	372	0	0	0	0	0	0	0	0
Mid MI Reg Med Gladwin	50	0	0	0	0	0	0	50	0	0	0	0
Natl Assc Nutrit & Aging	430	0	0	0	0	0	0	430	0	0	0	0
Natl Ctr Manufactrng Sci	37,861	0	0	37,816	0	45	0	0	0	0	0	0
Paul Oliver Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Portage View Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Rehabilitation Inst MI	385	0	0	0	385	0	0	0	0	0	0	0
Scheurer Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Sinai Hospital Detroit	174	0	0	0	0	0	0	174	0	0	0	0
Standish Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
William Beaumont Hospital	728	0	0	0	0	0	0	728	0	0	0	0
Ohio, total	123,993	0	225	65,281	0	1,809	10,083	29,570	0	11,966	2,178	2,881
American Ceramic Society	34	0	25	9	0	0	0	0	0	0	0	0
Battelle Memorial Inst	78,524	0	0	55,266	0	1,809	10,083	3,428	0	5,057	0	2,881
Child Hosp Columbus	2,047	0	0	0	0	0	0	2,047	0	0	0	0
Child Hosp Med Ctr Cincin	7,980	0	0	0	0	0	0	7,980	0	0	0	0
Cincinnati Mus Natr Hist	78	0	0	0	0	0	0	0	0	0	78	0
Cleveland Adv Manu Prg	2,414	0	0	2,414	0	0	0	0	0	0	0	0
Cleveland Clinic Fdn	14,139	0	0	0	0	0	0	14,003	0	0	136	0
Cleveland Ed Fund	147	0	0	0	0	0	0	0	0	0	147	0
Edison Weld Inst	6,297	0	0	6,297	0	0	0	0	0	0	0	0
Hipple Cancer Rsch Ctr	532	0	0	0	0	0	0	532	0	0	0	0
Inst Adv Manufactrng Sci	200	0	200	0	0	0	0	0	0	0	0	0
James N Gamble Inst Med	661	0	0	0	0	0	0	661	0	0	0	0
Kettering Medical Center	170	0	0	0	0	0	0	170	0	0	0	0
Miami Valley Rsch Inst	1,095	0	0	1,095	0	0	0	0	0	0	0	0
Mt Sinai Hosp Cleveland	652	0	0	0	0	0	0	652	0	0	0	0
National History Day Inc	1,401	0	0	0	0	0	0	0	0	0	1,401	0
Natl Assc Rsch Sci Tech	385	0	0	0	0	0	0	0	0	0	385	0
Oak Hill Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Ohio Aerospace Institute	7,109	0	0	200	0	0	0	0	0	6,909	0	0
Ohios Ctr Sci & Industry	31	0	0	0	0	0	0	0	0	0	31	0
St Lukes Hosp United Meth	47	0	0	0	0	0	0	47	0	0	0	0

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East North Central, continued:												
Wisconsin, total	8,730	0	0	50	0	694	0	7,031	0	40	897	18
9to5 Working Women WI	15	0	0	0	0	0	0	0	0	0	0	15
Am Assoc Card&Pulm Rehab	640	0	0	0	0	0	0	637	0	0	0	3
Am Soc Quality Control	40	0	0	0	0	0	0	0	0	40	0	0
Burnett General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Cmty Mem Hosp Oconto Fls	50	0	0	0	0	0	0	50	0	0	0	0
Cncl Great Lakes Governor	694	0	0	0	0	694	0	0	0	0	0	0
Door Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Eagle River Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Langlade Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Marshfield Med Rsch Fdn	565	0	0	0	0	0	0	565	0	0	0	0
Memorial Hosp Iowa Co	50	0	0	0	0	0	0	50	0	0	0	0
Milwaukee Blood Center	3,996	0	0	0	0	0	0	3,996	0	0	0	0
Mt Sinai Hosp Med Ctr WI	1,234	0	0	0	0	0	0	1,234	0	0	0	0
Networking Together Inc	73	0	0	0	0	0	0	0	0	0	73	0
Oconto Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Reedsburg Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Sacred Heart Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Sand County Foundation	50	0	0	50	0	0	0	0	0	0	0	0
Sauk Prairie Mem Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Southwest Health Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Tri-County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
WI Acad Sci Arts & Letter	824	0	0	0	0	0	0	0	0	0	824	0
West North Central, total	72,534	31	0	27,519	1,417	4,525	9,256	23,585	0	4,010	2,164	27
Iowa, total	2,709	0	0	9	1,313	0	0	1,387	0	0	0	0
Am Col Testing Program	1,322	0	0	9	1,313	0	0	0	0	0	0	0
Anamosa Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Central Community Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Davis County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Iowa Methodist Hlth Fdn	698	0	0	0	0	0	0	698	0	0	0	0
Iowa Oncology Rsch Assc	153	0	0	0	0	0	0	153	0	0	0	0
Jackson Co Public Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Mercy Hospital IA	37	0	0	0	0	0	0	37	0	0	0	0
Merrill Pioneer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Pella Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Sioux Ctr Hosp & Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Skiff Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
Van Buren Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Virginia Gay Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Kansas, total	5,348	0	0	0	0	550	0	835	0	3,940	0	23
Assc Women Development	13	0	0	0	0	0	0	0	0	0	0	13
Cmty Mem Hospital KS	45	0	0	0	0	0	0	45	0	0	0	0
Geary Co Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
KS Cosmosphere&Space	3,950	0	0	0	0	0	0	0	0	3,940	0	10
Memorial Hospital KS	50	0	0	0	0	0	0	50	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
West North Central, continued:												
Kansas, continued:												
Menninger Foundation	30	0	0	0	0	0	0	30	0	0	0	0
Mercy Hospital KS	50	0	0	0	0	0	0	50	0	0	0	0
Natl Collegiate Athletic	550	0	0	0	0	550	0	0	0	0	0	0
St Francis Hosp Wichita	460	0	0	0	0	0	0	460	0	0	0	0
St Josephs Hosp Concordia	50	0	0	0	0	0	0	50	0	0	0	0
St Mary Hosp KS	50	0	0	0	0	0	0	50	0	0	0	0
Wm Newton Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Minnesota, total	29,313	1	0	24,776	104	0	0	4,308	0	0	123	1
Am Phytopathological Soc	1	1	0	0	0	0	0	0	0	0	0	0
Child Hosp St Paul	806	0	0	0	0	0	0	806	0	0	0	0
Cmty Mem Hosp Winona	50	0	0	0	0	0	0	50	0	0	0	0
Cook County N Shore Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Granite Falls Munic Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Harmony Cmty Hosp Assc	50	0	0	0	0	0	0	50	0	0	0	0
Hendricks Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Lake View Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Living at Home	351	0	0	0	0	0	0	351	0	0	0	0
Madelia Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Mayo Foundation	4,977	0	0	4,574	0	0	0	312	0	0	91	0
Minneapolis Med Rsch Fdn	1,897	0	0	0	0	0	0	1,897	0	0	0	0
N W Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Natl Marrow Donor Program	20,202	0	0	20,202	0	0	0	0	0	0	0	0
Pacer Center	396	0	0	0	104	0	0	292	0	0	0	0
Project Soar of NE MN	1	0	0	0	0	0	0	0	0	0	0	1
Renville Co Hospice	50	0	0	0	0	0	0	50	0	0	0	0
Science Museum Minnesota	32	0	0	0	0	0	0	0	0	0	32	0
St Gabriels Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Tri County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Tweeten Lutheran Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Zumbrota Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Missouri, total	31,919	30	0	2,734	0	3,975	9,256	14,636	0	70	1,217	1
Baptist Med Ctr MO	187	0	0	0	0	0	0	187	0	0	0	0
Bonne Terre Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Cancer Rsch Center	183	0	0	0	0	0	124	59	0	0	0	0
Carroll Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Childrens Mercy Hosp	106	0	0	0	0	0	0	106	0	0	0	0
Cmty Hospital MO	50	0	0	0	0	0	0	50	0	0	0	0
Gentry Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
J Fitzgibbon Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Jewish Hosp of St Louis	8,971	0	0	0	0	0	0	8,901	0	70	0	0
Lake Ozarks Gen Hosp	29	0	0	0	0	0	0	29	0	0	0	0
Lawrence Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Midwest Research Inst	20,267	30	0	2,734	0	3,975	9,132	4,396	0	0	0	0
Missouri Botanical Garden	704	0	0	0	0	0	0	140	0	0	564	0
Older Womens League MO	1	0	0	0	0	0	0	0	0	0	0	1
Salem Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0

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Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
West North Central, continued:												
Missouri, continued:												
Scotland Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
St Francis Hosp Mt View	50	0	0	0	0	0	0	50	0	0	0	0
St Johns Mercy Med Ctr	207	0	0	0	0	0	0	207	0	0	0	0
St Johns Reg Hlth Ctr	161	0	0	0	0	0	0	161	0	0	0	0
St Louis Science Ctr	653	0	0	0	0	0	0	0	0	0	653	0
Nebraska, total	1,431	0	0	0	0	0	0	605	0	0	824	2
Antelope Memorial Hosp	25	0	0	0	0	0	0	25	0	0	0	0
Cambridge Memorial Hosp	41	0	0	0	0	0	0	41	0	0	0	0
Chadron Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Cherry County Hosp	25	0	0	0	0	0	0	25	0	0	0	0
Community Hosp McCook	274	0	0	0	0	0	0	50	0	0	224	0
Father Flanagan Boys Home	149	0	0	0	0	0	0	149	0	0	0	0
Gordon Memorial Hospital	15	0	0	0	0	0	0	15	0	0	0	0
Lundberg Memorial Hosp	25	0	0	0	0	0	0	25	0	0	0	0
Nebraskans for Public TV	600	0	0	0	0	0	0	0	0	0	600	0
Niobrara Valley Hosp	25	0	0	0	0	0	0	25	0	0	0	0
Osmond General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Pawnee Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
St Anthonys Hospital	25	0	0	0	0	0	0	25	0	0	0	0
Valley County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
W Holt Memorial Hospital	25	0	0	0	0	0	0	25	0	0	0	0
YWCA Grand Island NE	1	0	0	0	0	0	0	0	0	0	0	1
YWCA Omaha	1	0	0	0	0	0	0	0	0	0	0	1
North Dakota, total	978	0	0	0	0	0	0	978	0	0	0	0
Ashley Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Cmty Memorial Hosp Lisbon	50	0	0	0	0	0	0	50	0	0	0	0
Good Samaritan Hosp Rugby	50	0	0	0	0	0	0	50	0	0	0	0
Hillsboro Cmty Hospital	14	0	0	0	0	0	0	14	0	0	0	0
Jacobson Mem Hosp	47	0	0	0	0	0	0	47	0	0	0	0
Kenmare Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Linton Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Presentation Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Richardton Hlth Ctr Inc	50	0	0	0	0	0	0	50	0	0	0	0
St Aloisius Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
St Andrews Hosp ND	50	0	0	0	0	0	0	50	0	0	0	0
St Lukes Hosp Crosby	50	0	0	0	0	0	0	50	0	0	0	0
St Lukes Hosp Fargo	217	0	0	0	0	0	0	217	0	0	0	0
Stanley Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Tioga Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
W River Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Wishek Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0

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Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
South Dakota, total	836	0	0	0	0	0	0	836	0	0	0	0
Baptist Hospital Winner	16	0	0	0	0	0	0	16	0	0	0	0
Belle Fouche Hlth Care	50	0	0	0	0	0	0	50	0	0	0	0
Cmty Mem Hospital SD	16	0	0	0	0	0	0	16	0	0	0	0
Coteau Des Prairies Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Custer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Dakota Hospital	16	0	0	0	0	0	0	16	0	0	0	0
Deuel Co Memorial Hosp	47	0	0	0	0	0	0	47	0	0	0	0
Eureka Cmty Bnvlt Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Flandreau Municipal Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Freeman Community Hosp	16	0	0	0	0	0	0	16	0	0	0	0
Gettysburg Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Holy Infant Hospital	49	0	0	0	0	0	0	49	0	0	0	0
L Jungman Mem Hospital	16	0	0	0	0	0	0	16	0	0	0	0
Lake Area Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Lemmon Area Med Assoc	49	0	0	0	0	0	0	49	0	0	0	0
Platte Cmty Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Prairie Lks Hlth Care Sys	50	0	0	0	0	0	0	50	0	0	0	0
Southern Hills Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
St Benedict Hospital	44	0	0	0	0	0	0	44	0	0	0	0
St Michaels Hospital	16	0	0	0	0	0	0	16	0	0	0	0
Sturgis Cmty Hlth Care	36	0	0	0	0	0	0	36	0	0	0	0
Wagner Cmty Memorial Hosp	16	0	0	0	0	0	0	16	0	0	0	0
South Atlantic, total	409,679	3,809	108	104,231	6,968	65,582	25,705	70,902	766	80,356	31,588	19,664
Delaware, total	2,946	0	0	0	0	335	0	783	0	889	929	10
A I DuPont Inst Nemours	115	0	0	0	0	0	0	0	0	105	0	10
Bartol Research Institute	2,048	0	0	0	0	335	0	0	0	784	929	0
Medical Center Delaware	783	0	0	0	0	0	0	783	0	0	0	0
District of Columbia, total	173,275	355	66	36,750	3,662	38,862	7,969	22,760	597	20,300	23,833	18,121
Acad Ed Development Inc	1,985	0	0	0	0	0	0	0	0	0	0	1,985
All End Child Lead Poison	100	0	0	0	0	0	0	0	0	0	0	100
Alliance to Save Energy	133	0	0	0	0	133	0	0	0	0	0	0
Am Assc Advancment Sci	2,979	0	0	0	500	0	216	0	0	54	2,209	0
Am Assc Cmty & Jr Col	159	0	0	0	0	0	0	0	0	0	159	0
Am Assc Museums	1	0	0	0	0	0	0	0	0	0	1	0
Am Assc Retired Persons	1,122	0	0	0	0	0	597	525	0	0	0	0
Am Astronomical Society	256	0	0	0	0	0	0	0	0	141	115	0
Am Col Nuclear Physicists	43	0	0	0	0	43	0	0	0	0	0	0
Am Educational Rsch Assc	211	0	0	0	0	0	0	0	0	0	211	0
Am Legisltv Exchange Cncl	25	0	0	0	0	0	0	0	0	0	0	25
Am Public Welfare Assc	350	0	0	0	0	0	0	350	0	0	0	0
Am Soc Engineering Ed	9,288	0	0	9,288	0	0	0	0	0	0	0	0
Am Soc Microbiology	216	0	0	5	0	0	150	0	0	6	55	0
Am Statistical Assc	1,519	0	0	0	0	40	0	0	0	0	1,479	0
American Chemical Society	1,296	0	0	3	0	290	0	0	0	0	1,003	0
American Council on Ed	25	0	0	0	0	0	0	0	0	0	25	0
American Geophysicl Union	230	0	0	33	0	0	0	0	0	0	197	0
American Historical Assc	40	0	0	0	0	0	0	0	0	40	0	0
American Inst Architects	77	0	0	7	0	0	0	0	0	0	70	0

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South Atlantic, continued:												
District of Columbia, continued:												
American Iron Steel Inst	12,183	0	0	0	0	12,183	0	0	0	0	0	0
Assc Am Geographers	176	0	0	0	0	0	0	0	0	0	176	0
Assc American Railroads	5,671	0	0	0	0	0	0	0	0	0	0	5,671
Assc Science Tech Ctrs	50	0	0	0	0	0	0	0	0	0	50	0
Assc U Progs Hlth Admin	12	0	0	0	0	0	0	0	0	0	0	12
Bazelon Ctr Mntl Hlth Law	90	0	0	0	0	0	0	90	0	0	0	0
Brookings Institution	104	0	0	0	0	0	50	0	0	0	54	0
CONEG Policy Rsch Ctr	35	0	0	0	0	0	0	0	0	0	0	35
Carnegie Inst Washington	6,368	205	0	204	0	97	0	2,169	0	1,302	2,391	0
Center Marine Conserv	70	0	0	0	0	0	70	0	0	0	0	0
Child Hosp Natl Med Ctr	4,505	0	0	0	0	0	0	4,505	0	0	0	0
Child Trends Inc	122	0	0	0	0	0	0	122	0	0	0	0
Child Welfare League Am	200	0	0	0	0	0	0	200	0	0	0	0
Civil Eng Research Fdn	10	0	0	10	0	0	0	0	0	0	0	0
Climate Institute	25	0	0	0	0	0	25	0	0	0	0	0
Cmty Trans Assc of Am	669	0	0	0	0	0	0	669	0	0	0	0
Cncl Chief St Schl Offcrs	150	0	0	0	0	0	0	0	0	0	150	0
Cncl Early Child Pro Rec	169	0	0	169	0	0	0	0	0	0	0	0
Conference Board Math Sci	16	0	0	0	0	0	0	0	0	0	16	0
Ctr Strategic Intl Study	106	0	0	106	0	0	0	0	0	0	0	0
Defenders of Wildlife Inc	70	0	0	70	0	0	0	0	0	0	0	0
Displaced Homemaker Netwk	485	0	0	0	0	0	0	0	0	0	0	485
Environmental Law Inst	240	0	0	0	0	0	240	0	0	0	0	0
Families United Sr Action	460	0	0	0	0	0	0	460	0	0	0	0
Food & Drug Law Inst	3	0	0	0	0	0	0	3	0	0	0	0
Genitice Soc of America	23	0	0	0	0	23	0	0	0	0	0	0
Gerontological Soc Am	122	0	0	0	0	0	0	122	0	0	0	0
Inst Ed Leadership	31	0	0	0	0	0	0	31	0	0	0	0
Inst Womens Policy Rsch	84	0	0	0	0	0	0	0	0	0	81	3
Internatl Life Sci Inst	10	10	0	0	0	0	0	0	0	0	0	0
Intl City Mgt Assc	201	0	0	0	0	0	201	0	0	0	0	0
League of Women Voters	226	0	0	0	0	156	70	0	0	0	0	0
Links, Inc	3	0	0	0	0	0	0	3	0	0	0	0
Math Assc of America	36	0	0	36	0	0	0	0	0	0	0	0
Medlantic Health Care Grp	2,122	0	0	0	298	0	0	1,824	0	0	0	0
Mortgage Bankers Assc	96	0	0	0	0	0	0	0	0	0	0	96
NAFEO	2,400	0	0	0	0	0	0	0	0	0	0	2,400
National Governors Assc	645	0	0	0	45	0	473	0	0	0	0	127
National Public Radio	818	0	0	0	0	0	0	0	0	0	818	0
Natl Acad Public Admin	1,542	0	0	0	0	0	0	0	0	600	0	942
Natl Academy of Sciences	75,895	100	0	12,970	1,480	24,265	2,641	2,647	597	15,798	11,691	3,706
Natl Assc Conservation	70	0	0	0	0	0	70	0	0	0	0	0
Natl Assc Minor Contract	175	0	0	0	0	0	175	0	0	0	0	0
Natl Assc St Units Aging	1,007	0	0	0	0	0	0	1,007	0	0	0	0
Natl Assc of Counties	240	0	0	0	0	0	240	0	0	0	0	0

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[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
South Atlantic, continued:												
District of Columbia, continued:												
Natl Biomedical Rsch Fdn	14,580	0	0	13,500	0	0	0	1,080	0	0	0	0
Natl Caucus Ctr Black Age	1,247	0	0	0	0	0	972	275	0	0	0	0
Natl Council on Aging	365	0	0	0	0	0	115	250	0	0	0	0
Natl Ctzn Cltn Nrsg Hm Rf	500	0	0	0	0	0	0	500	0	0	0	0
Natl Hispanic Cncl Aging	305	0	0	0	0	0	0	305	0	0	0	0
Natl Inst of Bldg Science	12	0	12	0	0	0	0	0	0	0	0	0
Natl Sci Teachers Assc	2,844	0	0	0	0	0	0	0	0	1,275	1,569	0
Natl Sr Citizen Law Ctr	200	0	0	0	0	0	0	200	0	0	0	0
Oceanic Society	93	0	0	93	0	0	0	0	0	0	0	0
Older Womens League DC	103	0	0	0	0	0	0	100	0	0	0	3
Optical Soc of America	257	0	54	203	0	0	0	0	0	0	0	0
Pension Rights Center	320	0	0	0	0	0	0	320	0	0	0	0
Quality Ed for Minor Netwk	1,788	0	0	0	0	0	0	0	0	728	1,060	0
Renew America	53	0	0	53	0	0	0	0	0	0	0	0
Reg&Tech Cncpts Aviation	28	0	0	0	0	0	0	0	0	28	0	0
Resources for the Future	1,284	40	0	0	0	100	994	0	0	0	150	0
Save Our Security Ed Fund	100	0	0	0	0	0	0	100	0	0	0	0
The Ctr for Democracy	72	0	0	0	0	0	0	0	0	0	0	72
Time Dollar Network	100	0	0	0	0	0	0	100	0	0	0	0
United Cerebral Palsy	1,220	0	0	0	1,220	0	0	0	0	0	0	0
Universities Rsch Assc	1,110	0	0	0	0	179	0	0	0	280	103	548
Urban Institute	7,839	0	0	0	0	1,353	120	4,503	0	0	0	1,863
Urban Land Institute	23	0	0	0	0	0	0	0	0	0	0	23
Washington Bus Group Hlth	419	0	0	0	119	0	0	300	0	0	0	0
Wmns Rsch & Ed Inst	25	0	0	0	0	0	0	0	0	0	0	25
World Resources Institute	220	0	0	0	0	0	220	0	0	0	0	0
World Wildlife Fund US	330	0	0	0	0	0	330	0	0	0	0	0
Young Astronaut Council	48	0	0	0	0	0	0	0	0	48	0	0
Florida, total	2,921	233	0	339	0	535	0	1,342	0	105	367	0
Florida Solar Energy Ctr	535	0	0	0	0	535	0	0	0	0	0	0
Hamilton Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Harbor Branch Ocean Inst	562	0	0	50	0	0	0	221	0	0	291	0
Inst Space Sci & Tech	394	0	0	289	0	0	0	0	0	105	0	0
Miami Heart Institute	280	0	0	0	0	0	0	280	0	0	0	0
Mt Sinai Hosp Med Ctr FL	518	0	0	0	0	0	0	518	0	0	0	0
NW Florida Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Tampa Bay Rsch Inst Tech	456	233	0	0	0	0	0	223	0	0	0	0
Womens Res Ctr Sarasota	76	0	0	0	0	0	0	0	0	0	76	0
Georgia, total	2,087	0	0	253	466	700	0	558	0	102	0	8
Coord Research Council	110	0	0	110	0	0	0	0	0	0	0	0
Natl Cncl Negro Women	289	0	0	0	0	0	0	289	0	0	0	0
Natl Cnfc Black Mayor	8	0	0	0	0	0	0	0	0	0	0	8
R J Taylor Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
SE Cnstrm Minorities Eng	102	0	0	0	0	0	0	0	0	102	0	0
Savannah River Ecol Lab	100	0	0	0	0	100	0	0	0	0	0	0
Shepard Spinal Center	466	0	0	0	466	0	0	0	0	0	0	0
Skidaway Inst Oceanog	643	0	0	143	0	500	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
South Atlantic, continued:												
Georgia, continued:												
Southern State Energy	100	0	0	0	0	100	0	0	0	0	0	0
St Josephs Hosp Atlanta	219	0	0	0	0	0	0	219	0	0	0	0
Maryland, total	84,872	405	0	3,820	717	929	55	19,294	55	55,518	2,906	1,173
Am Assc Physics Teachers	1,105	0	0	0	0	0	0	0	0	0	1,105	0
Am Physical Society	188	0	0	0	0	0	0	0	0	0	188	0
Am Physiological Society	15	0	0	5	0	0	0	0	0	10	0	0
Am Soc Plant Physiology	29	0	0	0	0	29	0	0	0	0	0	0
Am Speech Lang&Hearng	124	0	0	0	124	0	0	0	0	0	0	0
Am Type Culture Col	2,561	0	0	0	0	248	45	2,167	0	0	101	0
American Inst Physics	695	0	0	21	0	0	0	0	0	0	674	0
Assc U Rsch & Astronomy	54,816	0	0	20	0	0	0	0	0	54,796	0	0
Bioelectromagnetics Soc	15	0	0	0	0	5	10	0	0	0	0	0
Biomedical Research Inst	45	0	0	45	0	0	0	0	0	0	0	0
Calvert Institute	37	0	0	0	0	0	0	0	0	37	0	0
Carnegie Inst Baltimore	55	0	0	0	0	0	0	0	55	0	0	0
Chesapeake Rsch Cnsrtm	272	0	0	0	0	0	0	0	0	0	272	0
Cncl Ionizg Radn Meas&Std	1	0	0	0	0	0	0	0	0	0	0	1
Ctr Hlth Policy Studies	501	0	0	0	0	0	0	501	0	0	0	0
Ctr Post Soviet Studies	247	0	0	0	0	0	0	0	0	243	0	4
Entomological Soc of Am	112	0	0	0	0	0	0	0	0	0	112	0
Epilepsy Fdn America	124	0	0	0	124	0	0	0	0	0	0	0
Fed Am Soc Exper Biol	654	355	0	295	0	4	0	0	0	0	0	0
Financial Wmn Intl, Inc.	13	0	0	0	0	0	0	0	0	0	0	13
Friends Med Sci Rsch Ctr	4,091	0	0	0	0	0	0	4,091	0	0	0	0
Garrett Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
H M Jackson Foundation	9,442	0	0	2,498	0	0	0	6,604	0	172	168	0
Hands On Sci Outreach	86	0	0	0	0	86	0	0	0	0	0	0
Inst Global Environment	100	0	0	0	0	100	0	0	0	0	0	0
Intl Cncl Radtn Protect	25	0	0	0	0	0	0	0	0	0	0	25
Intr-Indstry Ec Rsch Fund	246	0	0	0	0	0	0	246	0	0	0	0
Johns Hopkins Hospital	163	0	0	0	0	0	0	33	0	0	0	130
Kennedy Rsch Inst Inc	43	0	0	0	0	0	0	43	0	0	0	0
Kent&Queen Annes Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Life Science Rsch Fdn	261	0	0	0	0	261	0	0	0	0	0	0
National 4 H Council	50	50	0	0	0	0	0	0	0	0	0	0
Natl Aquarium Baltimore	286	0	0	0	0	0	0	0	0	0	286	0
Natl Assc Home Builders	1,000	0	0	0	0	0	0	0	0	0	0	1,000
Natl Radiatn Protect Meas	422	0	0	85	0	165	0	50	0	122	0	0
Nonprofit Initiative Inc	86	0	0	0	0	0	0	0	0	86	0	0
Pacific Inst Rsch&Eval MD	4,308	0	0	0	0	0	0	4,308	0	0	0	0
People to People Hlth Fdn	279	0	0	0	0	0	0	279	0	0	0	0
Sinai Hospital Baltimore	226	0	0	0	0	0	0	226	0	0	0	0
Soc Advancement Chicanos	14	0	0	0	0	14	0	0	0	0	0	0
Transcen Inc	241	0	0	0	0	0	0	241	0	0	0	0
Transnatl Family Rsch MD	121	0	0	0	0	0	0	121	0	0	0	0
Triangle Coaltn Sci&Tech	538	0	0	0	469	17	0	0	0	52	0	0
U Assc Rsch & Ed Pathol	284	0	0	0	0	0	0	284	0	0	0	0

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Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
South Atlantic, continued:												
Maryland, continued:												
University Rsch Fdn	851	0	0	851	0	0	0	0	0	0	0	0
North Carolina, total	56,189	70	42	6,586	0	1,372	17,681	25,208	0	1,992	2,887	351
Alcohol Research Inst	2,791	0	0	0	0	0	0	2,791	0	0	0	0
Anson County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Ashe Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Blowing Rock Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Blue Ridge Hosp Sys Inc	50	0	0	0	0	0	0	50	0	0	0	0
C.A. Cannon Jr Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Forest History Society	70	70	0	0	0	0	0	0	0	0	0	0
Microelectronics Ctr	8,180	0	0	2,440	0	0	4,053	0	0	0	1,687	0
NC Equity Inc	1	0	0	0	0	0	0	0	0	0	0	1
Natl Inst Statistical Sci	42	0	42	0	0	0	0	0	0	0	0	0
Research Triangle Inst	43,605	0	0	4,146	0	1,372	13,628	22,117	0	1,992	0	350
Science Museums Charlotte	1,200	0	0	0	0	0	0	0	0	0	1,200	0
Sea Level Hospital	50	0	0	0	0	0	0	50	0	0	0	0
South Carolina, total	18,434	0	0	17,969	0	250	0	215	0	0	0	0
Clarendon Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Intst Shellfish Sanitatio	165	0	0	0	0	0	0	165	0	0	0	0
SC Research Authority	18,219	0	0	17,969	0	250	0	0	0	0	0	0
Virginia, total	64,512	1,535	0	37,014	640	22,599	0	493	114	1,450	666	1
Air Conditioning & Refrig	1,900	0	0	0	0	1,900	0	0	0	0	0	0
Am Geological Institute	139	0	0	0	0	139	0	0	0	0	0	0
Am Inst Biological Sci	2,130	0	0	1,187	0	75	0	0	0	868	0	0
American Counseling Assc	40	0	0	0	0	0	0	0	0	40	0	0
Analytic Services Inc	29,786	0	0	29,636	0	0	0	0	0	150	0	0
Assc Analytical Chemists	200	0	0	0	0	0	0	200	0	0	0	0
Bath County Cmty Hosp	43	0	0	0	0	0	0	43	0	0	0	0
Catholic Charities USA	50	0	0	0	0	0	0	50	0	0	0	0
Challngr Ctr Space Sci Ed	130	0	0	0	0	0	0	0	0	0	130	0
Coal Employment Project	1	0	0	0	0	0	0	0	0	0	0	1
Community Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Compstng Cncl Rsch&Ed Fdn	550	550	0	0	0	0	0	0	0	0	0	0
Corp Natl Rsch Initiative	3,582	0	0	3,582	0	0	0	0	0	0	0	0
Dickenson Co Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Dupuy Institute Inc	92	0	0	92	0	0	0	0	0	0	0	0
Human Resources Rsch Org	2,193	0	0	2,193	0	0	0	0	0	0	0	0
Inc Rsch Insts Seismology	53	0	0	0	0	0	0	0	0	0	53	0
Independent Ctr N VA	390	0	0	0	390	0	0	0	0	0	0	0
Lee Co Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Marine Science Cnsrtm	73	0	0	0	0	0	0	0	0	0	73	0
Military Ops Rsch Society	10	0	0	10	0	0	0	0	0	0	0	0
Natl Assc Bio Teacher VA	410	0	0	0	0	0	0	0	0	0	410	0
Natl Cncl Independ Living	250	0	0	0	250	0	0	0	0	0	0	0
Natl Ctr Res Innovations	955	955	0	0	0	0	0	0	0	0	0	0
Nature Conservancy	423	30	0	279	0	0	0	0	114	0	0	0

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[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
South Atlantic, continued:												
Virginia, continued:												
RJ Reynolds-Ptrk Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Radiation Rsch Soc VA	185	0	0	0	0	185	0	0	0	0	0	0
Society of Toxicology	35	0	0	35	0	0	0	0	0	0	0	0
Southeastern U Rsch Assc	32	0	0	0	0	0	0	0	0	32	0	0
VA Air & Space Ctr	360	0	0	0	0	0	0	0	0	360	0	0
Waste Policy Institute	20,300	0	0	0	0	20,300	0	0	0	0	0	0
West Virginia, total	4,443	1,211	0	1,500	1,483	0	0	249	0	0	0	0
Appalachia Ed Lab	1,483	0	0	0	1,483	0	0	0	0	0	0	0
Broadus Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Grant Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Montgomery Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Preston Memorial Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Sistersville General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Spring & Groundwater Inst	1,211	1,211	0	0	0	0	0	0	0	0	0	0
WV High Tech Cnsrtm	1,500	0	0	1,500	0	0	0	0	0	0	0	0
East South Central, total	77,125	1,241	339	9,006	102	3,443	1,381	35,750	0	25,310	543	10
Alabama, total	28,451	0	0	7,833	0	2,387	1,281	16,374	0	33	543	0
Baptist Med Ctr Cherokee	50	0	0	0	0	0	0	50	0	0	0	0
Bullock Co Hosp Nursing	50	0	0	0	0	0	0	50	0	0	0	0
Cullman Rgn Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Huntsville Madison C C C	543	0	0	0	0	0	0	0	0	0	543	0
SE Ctr Elec Eng Ed	5,230	0	0	5,230	0	0	0	0	0	0	0	0
Southern Research Inst	22,528	0	0	2,603	0	2,387	1,281	16,224	0	33	0	0
Kentucky, total	341	0	0	0	102	0	0	239	0	0	0	0
Am Printing House Blind	102	0	0	0	102	0	0	0	0	0	0	0
Berea Hosp	47	0	0	0	0	0	0	47	0	0	0	0
Muhlenburg Cmty Hosp	42	0	0	0	0	0	0	42	0	0	0	0
Ohio County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Our Lady of the Way Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Twin Lakes Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Mississippi, total	4,382	1,189	339	1,000	0	0	100	150	0	1,594	0	10
Bapt Mem Hosp Booneville	50	0	0	0	0	0	0	50	0	0	0	0
George County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Gulf Coast Rsch Lab	1,278	839	339	0	0	0	100	0	0	0	0	0
Inst for Technology Dev	1,798	350	0	0	0	0	0	0	0	1,448	0	0
Kings Daughters Hosp	50	0	0	0	0	0	0	50	0	0	0	0
MS Action for Cmty Ed	10	0	0	0	0	0	0	0	0	0	0	10
Mississippi Resource Dev	1,000	0	0	1,000	0	0	0	0	0	0	0	0
TriSt Ed Initiativ Cnstrm	146	0	0	0	0	0	0	0	0	146	0	0
Tennessee, total	43,951	52	0	173	0	1,056	0	18,987	0	23,683	0	0
American Welding Inst	1,189	0	0	173	0	1,016	0	0	0	0	0	0
Bapt Mem Hosp-Huntingdon	50	0	0	0	0	0	0	50	0	0	0	0
Bicentennial Volunteers	26	26	0	0	0	0	0	0	0	0	0	0
Copper Basin Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0

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East South Central, continued:												
Tennessee, continued:												
Ctr Space Trans & Appl Rs	32	0	0	0	0	0	0	0	0	32	0	0
Jellico Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Lewis Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Oak Ridge Research Inst	66	26	0	0	0	40	0	0	0	0	0	0
Perry Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
St Jude Child Rsch Hosp	18,737	0	0	0	0	0	0	18,737	0	0	0	0
U TN Calspn Aero Rsch	23,651	0	0	0	0	0	0	0	0	23,651	0	0
West South Central, total	676,728	123	0	115,157	3,465	503,539	1,070	8,805	0	38,296	787	5,486
Arkansas, total	308	0	0	0	0	0	0	306	0	0	0	2
Cleburne Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Helena Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Jenkins Mem Chld Ctr	206	0	0	0	0	0	0	206	0	0	0	0
Womens Project	2	0	0	0	0	0	0	0	0	0	0	2
Louisiana, total	943	123	0	0	0	0	0	744	0	0	76	0
Alton Ochsner Med Fdn	499	0	0	0	0	0	0	499	0	0	0	0
Audubon Zoological Garden	76	0	0	0	0	0	0	0	0	0	76	0
Pointe Coupee Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Sugar Process Rsch Inst	123	123	0	0	0	0	0	0	0	0	0	0
Touro Research Institute	145	0	0	0	0	0	0	145	0	0	0	0
W Carroll Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Oklahoma, total	18,553	0	0	4,560	0	7,887	0	6,024	0	15	65	2
Cleveland Area Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Cushing Municipal Hosp	50	0	0	0	0	0	0	50	0	0	0	0
G M Stutton Avian Rsch	17	0	0	0	0	0	0	0	0	15	0	2
Grove General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
ITT Research Inst	12,447	0	0	4,560	0	7,887	0	0	0	0	0	0
Oklahoma Med Rsch Fdn	5,490	0	0	0	0	0	0	5,425	0	0	65	0
Three Feathers Associates	400	0	0	0	0	0	0	400	0	0	0	0
Woodward Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Texas, total	656,924	0	0	110,597	3,465	495,652	1,070	1,731	0	38,281	646	5,482
Central Texas Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Colorado Fayette Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Crosbyton Clinic Hosp	50	0	0	0	0	0	0	50	0	0	0	0
E Texas Med Ctr Mt Vernon	50	0	0	0	0	0	0	50	0	0	0	0
Eastland Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Harris Methodist Erath Co	50	0	0	0	0	0	0	50	0	0	0	0
Hill Country Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Hispanic Assc Col & U	161	0	0	0	0	161	0	0	0	0	0	0
Houston Advanced Research	1,127	0	0	632	0	25	25	0	0	445	0	0
Inst Rehab & Rsch	1,945	0	0	0	1,945	0	0	0	0	0	0	0
Institute Aerobics Rsch	778	0	0	0	0	0	0	778	0	0	0	0
Knox County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Parkview Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Scott and White Mem Hosp	300	0	0	0	0	0	0	300	0	0	0	0
Sematech Inc	92,935	0	0	92,935	0	0	0	0	0	0	0	0

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West South Central, continued:												
Texas, continued:												
Southwest Ed Dev Lab	1,520	0	0	0	1,520	0	0	0	0	0	0	0
Southwest Fdn Biomed Rsch	876	0	0	411	0	0	0	0	0	75	390	0
Southwest Research Inst	29,917	0	0	15,029	0	637	1,045	0	0	7,580	144	5,482
St Josephs Hosp Houston	103	0	0	0	0	0	0	103	0	0	0	0
U Rsch Assc Super Conduc	494,829	0	0	0	0	494,829	0	0	0	0	0	0
Universities Space Rsch	31,883	0	0	1,590	0	0	0	0	0	30,181	112	0
Yoakum Cmty Hospital	100	0	0	0	0	0	0	100	0	0	0	0
Mountain, total	62,044	87	0	1,681	2,502	11,331	490	35,394	327	3,307	6,804	121
Arizona, total	8,933	0	0	1,325	109	0	0	4,360	0	950	2,189	0
Benson Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Carondelet Hlth Svc Inc	64	0	0	0	0	0	0	64	0	0	0	0
Focus Inc	109	0	0	0	109	0	0	0	0	0	0	0
Good Samaritan Med Ctr	114	0	0	0	0	0	0	114	0	0	0	0
Havasu Samaritan Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Inst for Biogerontology	448	0	0	0	0	0	0	448	0	0	0	0
Isee Foundation	2,046	0	0	0	0	0	0	0	0	0	2,046	0
Lowell Observatory	2,418	0	0	1,325	0	0	0	0	0	950	143	0
Marcus J Lwrnce Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Mount Graham Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Navajo Natl Health Fdn	50	0	0	0	0	0	0	50	0	0	0	0
Page Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Southeast Arizona Med Ctr	38	0	0	0	0	0	0	38	0	0	0	0
St Josephs Hosp & Med Ctr	3,356	0	0	0	0	0	0	3,356	0	0	0	0
White Mountain Cmty Hosp	40	0	0	0	0	0	0	40	0	0	0	0
Colorado, total	36,960	10	0	237	2,301	813	398	26,127	327	2,268	4,455	24
Am Cancer Rsch Ctr & Hosp	5,351	0	0	0	0	0	0	5,351	0	0	0	0
Am Ctr Intl Leadership	4	0	0	0	0	0	0	0	0	0	0	4
Am Indian Sci & Eng Soc	725	0	0	0	0	0	0	0	0	111	614	0
Am Wtr Wrks Assn Rsch Fdn	300	0	0	0	0	0	0	0	300	0	0	0
Amb Sentinel Pract Ntwrk	1,227	0	0	0	0	0	0	1,227	0	0	0	0
Aspen Center for Physics	16	0	0	5	0	6	0	0	0	5	0	0
Biol Sci Curriculm Study	1,392	0	0	0	0	159	0	0	0	0	1,233	0
CO Committee Womens Hist	1	0	0	0	0	0	0	0	0	0	0	1
CO Women in Architecture	1,379	0	0	0	0	0	0	0	0	0	1,379	0
CO Womens Chamber Comm	1	0	0	0	0	0	0	0	0	0	0	1
Care-A-Van	75	0	0	0	0	0	0	75	0	0	0	0
Child Asthma Rsch Inst	558	0	0	0	0	0	0	558	0	0	0	0
Cncl Engy Resource Tribes	67	0	0	0	0	67	0	0	0	0	0	0
Colorado Plans Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Colorado Women of Color	64	0	0	0	0	0	0	0	0	0	64	0
Conejos County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Craig Hospital	1,138	0	0	0	990	0	0	148	0	0	0	0
Crow Valley Livestock	10	10	0	0	0	0	0	0	0	0	0	0
Ctr Hlth Policy Rsch	231	0	0	0	0	0	0	230	0	0	0	1
Ctr Policy Research	177	0	0	0	0	0	0	177	0	0	0	0

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Table B-24. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1993

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, continued:												
Colorado, continued:												
Denver Museum of Nat Hist	4	0	0	0	0	0	0	0	4	0	0	0
E Roosevelt Inst Cancer	3,691	0	0	0	0	308	0	3,383	0	0	0	0
East Morgan Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Ed Commission/States	861	0	0	0	0	0	0	0	0	0	861	0
Geological Soc of America	122	0	0	0	0	0	0	0	23	0	99	0
Gunnison Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Inst Rsch Social Problem	184	0	0	0	0	0	0	184	0	0	0	0
Keystone Center	232	0	0	232	0	0	0	0	0	0	0	0
Lower Valley Hosp Assoc	50	0	0	0	0	0	0	50	0	0	0	0
Mi Casa Res Ctr for Women	5	0	0	0	0	0	0	0	0	0	0	5
Mid Continent Reg Ed Lab	1,311	0	0	0	1,311	0	0	0	0	0	0	0
Montrose Rgn Hosp, Inc.	50	0	0	0	0	0	0	50	0	0	0	0
Mount San Rafael Hosp	50	0	0	0	0	0	0	50	0	0	0	0
N E Womens Center	7	0	0	0	0	0	0	0	0	0	0	7
Natl Conf St Legis Leader	398	0	0	0	0	0	398	0	0	0	0	0
Natl Jewish Ctr Immunolgy	14,142	0	0	0	0	0	0	14,112	0	0	30	0
Penrose Hospital	234	0	0	0	0	0	0	234	0	0	0	0
Rocky Mountain Bio Lab	175	0	0	0	0	0	0	0	0	0	175	0
St Joseph Hosp Del Norte	50	0	0	0	0	0	0	50	0	0	0	0
St Marys Hosp CO	74	0	0	0	0	74	0	0	0	0	0	0
Sterling Reg Med Ctr	48	0	0	0	0	0	0	48	0	0	0	0
Telluride Academy	16	0	0	0	0	16	0	0	0	0	0	0
U Corp for Atmosph Rsch	1,297	0	0	0	0	0	0	0	0	1,297	0	0
US Space Foundation	480	0	0	0	0	0	0	0	0	480	0	0
W Interstate Comm Hi Ed	183	0	0	0	0	183	0	0	0	0	0	0
Windstar Foundation	375	0	0	0	0	0	0	0	0	375	0	0
YWCA Metro Denver	5	0	0	0	0	0	0	0	0	0	0	5
Idaho, total	49	0	0	0	0	0	0	49	0	0	0	0
Clearwater Valley Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Montana, total	676	63	0	0	0	0	0	613	0	0	0	0
Big Horn Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Cmty Hosp Anaconda	48	0	0	0	0	0	0	48	0	0	0	0
Cmty Memorial Hosp Sidney	49	0	0	0	0	0	0	49	0	0	0	0
Dahl Memorial Hospital	26	0	0	0	0	0	0	26	0	0	0	0
Frances Mahon Dcnes Hosp	11	0	0	0	0	0	0	11	0	0	0	0
Glendive Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
MT Hosp Rsch & Ed Fdn	111	0	0	0	0	0	0	111	0	0	0	0
Marcus Daly Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
McCone Co Maf & Nursg	35	0	0	0	0	0	0	35	0	0	0	0
North Valley Hospital	31	0	0	0	0	0	0	31	0	0	0	0
Phillips County Hospital	2	0	0	0	0	0	0	2	0	0	0	0
Pondera County Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Sheridan Memorial Hosp	48	0	0	0	0	0	0	48	0	0	0	0
Stillwater Community Hosp	2	0	0	0	0	0	0	2	0	0	0	0
Systems for Envir Mgt	63	63	0	0	0	0	0	0	0	0	0	0

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[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, continued:												
Montana, continued:												
Trinity Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Nevada, total	140	0	0	0	0	0	0	140	0	0	0	0
Churchill Cmty Hosp	40	0	0	0	0	0	0	40	0	0	0	0
South Lion Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
Wm Bee Ririe Hospital	50	0	0	0	0	0	0	50	0	0	0	0
New Mexico, total	3,829	14	0	119	0	689	92	2,763	0	89	50	13
Albuquerque YWCA	2	0	0	0	0	0	0	0	0	0	0	2
Lovelace Biomed Environ	142	0	0	0	0	50	92	0	0	0	0	0
Lovelace Fdn for Med Ed	2,712	0	0	0	0	204	0	2,415	0	85	8	0
Museum of New Mexico	14	14	0	0	0	0	0	0	0	0	0	0
NM Museum of Natr Hist	53	0	0	0	0	0	0	0	0	0	42	11
Natl Indian Cncl Aging	250	0	0	0	0	0	0	250	0	0	0	0
New Mexico Mesa Inc	4	0	0	0	0	0	0	0	0	4	0	0
Rehobth McKnly Chrst Hosp	50	0	0	0	0	0	0	50	0	0	0	0
S W Paleontology Fdn Inc	50	0	0	50	0	0	0	0	0	0	0	0
Sante Fe Institute	504	0	0	69	0	435	0	0	0	0	0	0
Socorro General Hospital	48	0	0	0	0	0	0	48	0	0	0	0
Utah, total	6,382	0	0	0	92	4,819	0	1,277	0	0	110	84
Assc Western U Inc	4,615	0	0	0	0	4,615	0	0	0	0	0	0
Central Valley Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Consortium Intl Dev	84	0	0	0	0	0	0	0	0	0	0	84
Garfield Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Latter Day Saints Hosp	638	0	0	0	0	0	0	638	0	0	0	0
Salt Lake Clinic Rsch Fdn	441	0	0	0	0	0	0	441	0	0	0	0
Sunshine Terrace Fdn	98	0	0	0	0	0	0	98	0	0	0	0
Utah Parent Ctr ETC	92	0	0	0	92	0	0	0	0	0	0	0
Utah Research Institute	314	0	0	0	0	204	0	0	0	0	110	0
Wyoming, total	5,075	0	0	0	0	5,010	0	65	0	0	0	0
Campbell Co Hosp Dist	50	0	0	0	0	0	0	50	0	0	0	0
Johnson Co Memorial Hosp	15	0	0	0	0	0	0	15	0	0	0	0
Western Research Inst	5,010	0	0	0	0	5,010	0	0	0	0	0	0
Pacific, total	407,892	6,431	150	56,573	6,648	15,072	2,582	281,225	290	16,774	20,824	1,323
Alaska, total	267	0	0	0	0	0	0	200	0	0	65	2
Central Peninsula Gen Hos	50	0	0	0	0	0	0	50	0	0	0	0
Homer Soc of Natl History	115	0	0	0	0	0	0	50	0	0	65	0
Seward General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Valley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
YWCA Anchorage	2	0	0	0	0	0	0	0	0	0	0	2
California, total	299,691	420	150	56,366	5,263	4,480	2,462	193,208	267	16,694	19,074	1,307
Agouran Institute	1,152	0	0	169	0	0	0	983	0	0	0	0
Am Soc Zoologists	20	0	0	0	0	0	0	0	0	0	20	0
American Society Aging	36	0	0	0	0	0	0	36	0	0	0	0
American Tech Initiative	686	0	0	0	0	0	0	0	0	686	0	0
Assc Natl Person Mayor	1,741	0	0	0	0	0	1,541	200	0	0	0	0

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[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Pacific, continued:												
California, continued:												
Beckman Research Inst	7,804	0	0	0	0	196	0	7,463	0	0	145	0
CA Academy of Sciences	65	0	0	0	0	0	0	0	0	0	65	0
CA Advocates Nrsg Hm Ref	75	0	0	0	0	0	0	75	0	0	0	0
CA Inst of Bio Research	1,439	0	0	0	0	0	0	1,439	0	0	0	0
CA Public Hlth Foundation	1,232	0	0	0	0	0	55	1,177	0	0	0	0
CA U Rsch Earthquake Eng	59	0	0	0	0	0	0	0	0	0	59	0
Cedars Sinai Med Ctr	9,179	0	0	0	0	528	0	8,651	0	0	0	0
Challengers Boys&Girls	30	0	0	0	0	0	0	0	0	30	0	0
Child Hosp & Health Ctr	661	0	0	0	0	0	0	661	0	0	0	0
Child Hosp Los Angeles	7,474	0	0	50	0	0	0	7,339	0	0	85	0
Child Hosp&Med Ctr N CA	2,718	0	0	0	0	0	0	2,718	0	0	0	0
Colusa Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Computer Pros Social Resp	25	0	0	0	0	0	0	0	0	0	25	0
Ctr Adv Study Behav Sci	900	0	0	0	0	0	0	0	0	0	900	0
Doheny Eye Institute	1,814	0	0	0	0	0	0	1,814	0	0	0	0
Earthquake Eng Rsch Inst	191	0	0	0	0	0	0	0	0	0	181	10
Education & Tech Fdn	171	0	0	0	171	0	0	0	0	0	0	0
Eeg Systems Lab	434	0	0	0	0	0	0	434	0	0	0	0
Electric Power Research	215	0	0	0	0	0	0	0	215	0	0	0
Eloret Institute	2,009	0	0	0	0	0	0	0	0	2,009	0	0
Exploratorium	2,994	0	0	0	0	102	0	0	0	0	2,892	0
Far W Labs Ed Rsch & Dev	1,360	0	0	0	1,360	0	0	0	0	0	0	0
Fdn for Advance Sci & Ed	575	0	0	0	0	575	0	0	0	0	0	0
Herditary Disease Fdn	374	0	0	0	0	0	0	374	0	0	0	0
Hospital Good Samaritan	161	0	0	0	0	0	0	161	0	0	0	0
House Ear Institute	479	0	0	0	0	0	0	479	0	0	0	0
Hubbs Sea World Rsch Inst	75	0	0	75	0	0	0	0	0	0	0	0
Huntington Med Rsch Insts	559	0	0	0	0	0	0	459	0	100	0	0
Huntington Memorial Hosp	200	0	0	0	0	0	0	200	0	0	0	0
Inst Manu & Auto Rsch	150	0	150	0	0	0	0	0	0	0	0	0
Inst Medical Research	162	0	0	0	0	0	0	162	0	0	0	0
Inst for Rsch on Learning	950	0	0	0	0	0	0	0	0	0	950	0
Inst of Human Origins	516	0	0	0	0	0	0	0	0	0	516	0
Intl Assc Phys Sci Ocean	10	0	0	0	0	0	0	0	0	0	10	0
Intl Computer Sci Inst	1,229	0	0	365	0	0	0	0	0	0	864	0
Jay David Gladstone Fdn	5,225	0	0	0	0	0	0	5,225	0	0	0	0
KCET/Cmty TV Southern CA	98	0	0	0	0	0	0	0	0	0	98	0
Kaiser Fdn Rsch Inst	10,902	0	0	0	0	0	311	10,591	0	0	0	0
Kestrel Institute	1,931	0	0	1,931	0	0	0	0	0	0	0	0
L A City Mus Natr Hist	78	0	0	0	0	0	0	0	0	0	78	0
La Jolla Cancer Rsch Fdn	11,923	0	0	0	0	0	0	11,923	0	0	0	0
Linus Pauling Institute	83	0	0	0	0	83	0	0	0	0	0	0
Los Amigos Rsch & Ed	1,884	0	0	0	1,884	0	0	0	0	0	0	0
MCAT Institute	1,581	0	0	0	0	0	0	0	0	1,581	0	0
Math Science Network	10	0	0	0	0	0	0	0	0	10	0	0
Math Sciences Rsch Inst	3,080	0	0	0	0	0	0	0	0	0	3,080	0
Medical Biology Institute	1,974	0	0	0	0	0	0	1,974	0	0	0	0

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Pacific, continued:												
California, continued:												
Mem Hosp Med Ctr Long Bch	78	0	0	0	0	0	0	78	0	0	0	0
Memorial Cancer Rsch Fdn	205	0	0	0	0	0	0	205	0	0	0	0
Mendocino Coast Dist Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Mills Peninsula Hlth Sys	200	0	0	0	0	0	0	200	0	0	0	0
Molecular Research Inst	1,147	0	0	0	0	0	90	825	0	132	100	0
Monterey Bay Aquarm Rsch	100	0	0	0	0	100	0	0	0	0	0	0
Mount Wilson Institute	316	0	0	316	0	0	0	0	0	0	0	0
Mt Zion Hosp & Med Ctr	235	0	0	0	0	0	0	235	0	0	0	0
National Water Rsch Inst	42	0	0	0	0	0	0	0	42	0	0	0
Northern CA Inst Rsch&Ed	125	0	0	45	0	0	0	0	0	80	0	0
Pac Ctr Ethics&Appl Bio	5	0	0	0	0	5	0	0	0	0	0	0
Palo Alto Med Rsch Fdn	1,545	200	0	0	0	0	0	1,345	0	0	0	0
Point Reyes Bird Observ	10	10	0	0	0	0	0	0	0	0	0	0
Psoriasis Rsch Inst	22	0	0	0	0	0	0	22	0	0	0	0
Public Health Fdn LA	281	0	0	0	0	0	0	281	0	0	0	0
Rancho Santa Ana Bot Gdns	240	0	0	0	0	0	0	0	0	0	240	0
Rand Corporation	11,506	0	0	0	0	145	200	7,844	0	183	1,837	1,297
Redwood Memorial Hosp	47	0	0	0	0	0	0	47	0	0	0	0
S Juan Capstrno Rsch Inst	732	0	0	0	0	0	0	0	0	732	0	0
SRI International	64,368	0	0	44,541	0	1,898	100	9,035	0	2,093	6,701	0
Salk Inst for Biol Study	33,785	210	0	7,222	0	571	0	25,627	0	155	0	0
San Diego Youth&Cmty Svc	70	0	0	0	0	0	0	70	0	0	0	0
Sansum Medical Rsch Fdn	174	0	0	0	0	0	0	174	0	0	0	0
Scientific Analysis Corp	1,652	0	0	0	0	0	0	1,652	0	0	0	0
Scripps Clinic & Rsch Fdn	72,560	0	0	1,504	0	277	0	70,289	0	490	0	0
Scripps Memorial Hospital	3,836	0	0	0	0	0	0	3,836	0	0	0	0
Seti Institute	7,894	0	0	0	0	0	0	0	0	7,666	228	0
Smith Kittwell Eye Rsch	3,911	0	0	148	902	0	0	2,861	0	0	0	0
Space Physics Rsch Inst	298	0	0	0	0	0	0	0	0	298	0	0
Sutter Cmty Hospitals	50	0	0	0	0	0	0	50	0	0	0	0
Through the Looking Glass	525	0	0	0	525	0	0	0	0	0	0	0
Transnatl Family Rsch CA	177	0	0	0	0	0	0	177	0	0	0	0
Water Education Fdn	10	0	0	0	0	0	0	0	10	0	0	0
Western Aerospace Labs	449	0	0	0	0	0	0	0	0	449	0	0
Western Cnsrtm Public Hlth	3,883	0	0	0	0	0	165	3,718	0	0	0	0
World Inst Disabil Rsch	421	0	0	0	421	0	0	0	0	0	0	0
Hawaii, total	20,648	5,689	0	0	1,295	10,477	0	3,162	23	0	0	2
Bernice P Bishop Museum	10,000	0	0	0	0	10,000	0	0	0	0	0	0
East West Center	392	42	0	0	0	327	0	0	23	0	0	0
Hawaii Sugar Planters	922	922	0	0	0	0	0	0	0	0	0	0
Kapiolani Child Med Ctr	452	0	0	0	0	0	0	452	0	0	0	0
Kuakini Med Rsch Inst	2,710	0	0	0	0	0	0	2,710	0	0	0	0
Oceanic Institute	4,725	4,725	0	0	0	0	0	0	0	0	0	0
Pacific Intl Ctr Hi Tech	150	0	0	0	0	150	0	0	0	0	0	0
Pacific Region Ed Lab	1,295	0	0	0	1,295	0	0	0	0	0	0	0
YWCA Oahu	2	0	0	0	0	0	0	0	0	0	0	2

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Oregon, total	17,748	322	0	0	0	0	0	16,568	0	80	776	2
Aerial Forest Mgt Fdn	255	255	0	0	0	0	0	0	0	0	0	0
Emanuel Hospital	34	0	0	0	0	0	0	34	0	0	0	0
Forest Glen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Good Samaritan Hosp & Med	746	0	0	0	0	0	0	509	0	49	188	0
Grande Ronde Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Kaiser Foundation	275	0	0	0	0	0	0	275	0	0	0	0
Lebanon Co Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Med Rsch Fdn Oregon	4,585	0	0	0	0	0	0	4,436	0	0	149	0
Oregon Museum Sci Indstry	354	0	0	0	0	0	0	0	0	0	354	0
Oregon Research Inst	6,556	0	0	0	0	0	0	6,471	0	0	85	0
Oregon Socl Learning Ctr	4,194	0	0	0	0	0	0	4,194	0	0	0	0
Oregon Tradeswomen Netwk	1	0	0	0	0	0	0	0	0	0	0	1
Pacific GIS	32	32	0	0	0	0	0	0	0	0	0	0
Pioneer Memorial Hosp OR	50	0	0	0	0	0	0	50	0	0	0	0
Providence Med Ctr Prtlnd	449	0	0	0	0	0	0	449	0	0	0	0
W Biomedical Rsch Inst	32	0	0	0	0	0	0	0	0	31	0	1
Willamette Inst Bio Cntrl	30	30	0	0	0	0	0	0	0	0	0	0
World Forestry Center	5	5	0	0	0	0	0	0	0	0	0	0
Washington, total	69,538	0	0	207	90	115	120	68,087	0	0	909	10
Astrophysical Rsch Cnsrtm	50	0	0	0	0	0	0	0	0	0	50	0
Biomembrane Institute	567	0	0	0	0	0	0	567	0	0	0	0
Child Orthopedic Hospital	4,435	0	0	0	0	0	0	4,435	0	0	0	0
F Hutchnsn Cancer Rsch	54,622	0	0	0	0	115	120	53,912	0	0	475	0
Fdn Glacier Environ Rsch	95	0	0	0	0	0	0	0	0	0	95	0
Intl Soc Optical Eng	16	0	0	16	0	0	0	0	0	0	0	0
Island Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Issaquah Grp Hlth & Env	2,748	0	0	0	0	0	0	2,609	0	0	139	0
Metro Development Council	10	0	0	0	0	0	0	0	0	0	0	10
Natl Asian Pac Ctr Aging	212	0	0	0	0	0	0	212	0	0	0	0
Odessa Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Pacific NW Research Fdn	627	0	0	50	0	0	0	577	0	0	0	0
Puget Sound Blood Center	615	0	0	0	0	0	0	615	0	0	0	0
Seattle Biomed Rsch Inst	141	0	0	141	0	0	0	0	0	0	0	0
Seattle Research Center	1,432	0	0	0	0	0	0	1,432	0	0	0	0
Soc Photo Optical Inst	44	0	0	0	0	0	0	0	0	0	44	0
Swedish Hospital Med Ctr	676	0	0	0	0	0	0	570	0	0	106	0
VA Mason Fdn Med Ed&Rsch	3,058	0	0	0	0	0	0	3,058	0	0	0	0
Washington PAVE	90	0	0	0	90	0	0	0	0	0	0	0
Outlying Areas, total	50	0	0	0	0	0	0	50	0	0	0	0
Puerto Rico, total	50	0	0	0	0	0	0	50	0	0	0	0
Castaner General Hospital	50	0	0	0	0	0	0	50	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

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Table B-25. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
Total, all institutions	1,595,095	1,784,132	1,956,193	2,110,789	2,286,030	2,792,662	3,207,788	3,178,070
1 U Rsch Assc Super Conduc	0	0	0	19,365	169,380	239,820	467,633	494,829
2 Mitre Corporation	14,385	11,133	7,730	17,297	10,339	256,088	247,720	246,344
3 Sematech Inc	0	0	100,000	100,000	100,000	96,700	97,600	92,935
4 MA General Hospital	39,726	44,548	45,828	56,838	66,461	81,498	90,594	89,109
5 Brigham and Womens Hosp	36,800	47,779	53,370	59,894	61,715	79,509	82,081	86,394
6 Battelle Memorial Inst	78,343	69,515	49,537	51,666	42,615	53,428	62,957	78,524
7 Natl Academy of Sciences	41,287	55,131	59,088	63,490	55,376	57,985	76,839	75,895
8 Scripps Clinic & Rsch Fdn	37,661	46,628	52,423	54,549	57,706	55,798	69,467	72,560
9 SRI International	72,986	82,382	79,364	60,986	54,390	52,548	63,169	64,368
10 Draper Laboratories	250,574	196,739	194,279	142,685	136,012	67,725	41,113	64,327
Total 1st 10 institutions	571,762	553,855	641,619	626,770	753,994	1,041,099	1,299,173	1,365,285
11 IIT Research Institute	71,904	62,117	79,175	91,856	69,696	24,542	78,139	61,310
12 Assc U Rsch & Astronomy	19,722	17,787	23,739	27,346	31,672	47,349	47,540	54,816
13 F Hutchnsn Cancer Rsch	24,424	27,683	35,927	40,833	44,047	51,856	56,201	54,622
14 Sidney Farber Cancer Inst	26,726	31,391	37,430	41,799	41,687	43,222	50,369	51,700
15 Sloan Kettering Cancer	37,596	43,207	40,257	44,595	43,609	46,238	48,551	48,438
16 Research Triangle Inst	32,018	53,253	53,015	61,663	54,106	57,760	50,049	43,605
17 Natl Ctr Manufactrng Sci	0	0	0	0	0	35,270	3,248	37,861
18 Salk Inst for Biol Study	26,063	26,396	27,986	27,184	29,405	34,738	36,698	33,785
19 Child Hosp Boston	16,917	21,071	21,688	23,366	27,030	28,355	32,674	32,816
20 Universities Space Rsch	3,831	3,759	3,166	8,651	8,447	29,295	32,157	31,883
Total 1st 20 institutions	830,963	840,519	964,002	994,063	1,103,693	1,439,724	1,734,799	1,816,121
21 Joint Ocean Insts Inc	22,252	23,596	25,001	26,213	26,392	29,327	29,306	30,487
22 Southwest Research Inst	24,248	43,386	31,566	32,104	29,344	20,810	22,072	29,917
23 Analytic Services Inc	19,829	25,020	26,050	28,475	24,397	40,655	34,799	29,786
24 U TN Calspn Aero Rsch	0	0	0	0	0	10,745	18,750	23,651
25 New Eng Med Ctr & Hosp	11,651	17,834	20,190	19,887	17,357	21,423	21,613	23,642
26 Beth Israel Hosp NJ	0	0	0	0	220	15,477	21,722	22,674
27 Southern Research Inst	17,811	16,475	23,801	21,307	21,144	20,132	19,880	22,528
28 Environmental Rsch Inst	11,700	5,381	7,794	13,773	18,241	14,714	16,266	21,540
29 Waste Policy Institute	0	0	0	762	0	194	1,009	20,300
30 Midwest Research Inst	16,108	13,249	11,294	10,521	5,258	7,807	23,372	20,267
Total 1st 30 institutions	954,562	985,460	1,109,698	1,147,105	1,246,046	1,621,008	1,943,588	2,060,913
31 Natl Marrow Donor Program	0	0	0	0	0	6,900	0	20,202
32 Cold Spring Harbor Lab	8,076	11,841	13,296	13,447	16,519	17,762	19,799	19,858
33 St Jude Child Rsch Hosp	10,795	11,179	11,289	11,756	12,137	13,796	16,458	18,737
34 Focus Hope	0	0	0	0	0	0	18,600	18,671
35 SC Research Authority	0	0	0	3,500	66	158	71,354	18,219
36 MPC Corporation	313	1,354	1,664	12,520	15,763	18,065	18,663	18,053
37 Child Hosp Phila	7,874	9,499	11,217	11,619	11,888	12,782	14,989	17,329
38 Whitehead Inst Biomed	4,922	6,779	8,251	8,239	8,523	8,666	7,792	15,895
39 Natl Biomedical Rsch Fdn	78	205	179	1,729	1,092	1,015	1,041	14,580
40 Wistar Institute	16,079	19,181	20,163	21,986	20,889	21,131	19,014	14,302
Total 1st 40 institutions	1,002,699	1,045,498	1,175,757	1,231,901	1,332,923	1,721,283	2,131,298	2,236,759
41 Natl Jewish Ctr Immunolgy	8,341	9,486	8,854	9,705	10,284	12,019	13,409	14,142
42 Cleveland Clinic Fdn	8,217	9,866	10,280	12,506	11,078	13,087	14,246	14,139
43 New Eng Deaconess Hosp	3,264	5,351	6,723	9,484	7,678	9,363	10,630	13,977
44 Rush Presbyterian St Luke	4,602	4,996	5,363	5,791	7,173	9,196	10,381	13,449
45 Merit Network Inc	0	0	0	0	1,126	8,863	11,596	13,407
46 Jackson Laboratory	7,690	9,283	9,445	10,600	19,688	19,972	11,353	12,994
47 ITT Research Inst	0	0	0	0	0	0	9,180	12,447
48 American Iron Steel Inst	0	0	0	7,985	9,254	8,423	10,394	12,183
49 La Jolla Cancer Rsch Fdn	6,522	7,137	7,632	8,756	8,371	8,777	12,021	11,923
50 American Hlth Fdn Inc	9,664	12,030	12,947	11,780	11,516	11,324	8,515	11,706
Total 1st 50 institutions	1,050,999	1,103,647	1,237,001	1,308,508	1,419,091	1,822,307	2,243,023	2,367,126

See explanatory information, if any, and SOURCE at end of table.

Table B-25. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
51 Rand Corporation[1]	30,886	46,876	32,902	33,051	90,006	87,512	14,170	11,506
52 Montefiore Hosp & Med Ctr	5,113	7,002	9,107	9,260	9,781	10,698	11,309	11,305
53 Kaiser Fdn Rsch Inst	4,357	7,087	8,030	9,375	9,869	9,244	10,415	10,902
54 McLean Hospital	5,970	7,863	7,574	10,444	10,759	10,324	11,747	10,511
55 Bernice P Bishop Museum	80	87	89	142	479	349	197	10,000
56 Inst for Cancer Research	14,588	14,397	13,953	505	149	8,865	7,062	9,578
57 H M Jackson Foundation	757	1,507	3,465	5,928	28,448	7,330	9,383	9,442
58 Am Soc Engineering Ed	2,156	4,076	1,986	13,457	5,050	20,465	6,754	9,288
59 Cedars Sinai Med Ctr	3,026	4,815	5,486	6,585	5,484	4,977	7,196	9,179
60 Jewish Hosp of St Louis	4,626	6,420	8,184	9,656	10,914	12,553	10,504	8,971
Total 1st 60 institutions	1,122,558	1,203,777	1,327,777	1,406,911	1,590,030	1,994,624	2,331,760	2,467,808
61 Worcester Fdn Exper Bio	6,979	9,269	9,644	10,130	9,605	9,356	9,546	8,661
62 Microelectronics Ctr	0	0	0	0	95	75	868	8,180
63 Ctr Blood Research	3,949	4,991	5,444	6,662	7,064	7,474	9,564	8,066
64 U City Science Center	5,989	6,479	6,145	7,191	6,570	6,392	5,640	7,998
65 Child Hosp Med Ctr Cincin	4,277	5,283	5,531	4,566	5,488	7,059	8,484	7,980
66 Joslin Diabetes Fdn Inc	4,787	5,405	5,191	4,129	4,829	5,239	7,270	7,955
67 Education Development Ctr	698	1,082	454	2,460	2,680	2,298	6,042	7,940
68 Seti Institute	0	0	10	0	0	7,296	8,573	7,894
69 Urban Institute	2,250	2,487	4,428	7,064	5,321	3,730	7,892	7,839
70 Beckman Research Inst	4,146	3,849	6,659	6,119	6,643	5,766	8,089	7,804
Total 1st 70 institutions	1,155,633	1,242,622	1,371,283	1,455,232	1,638,325	2,049,309	2,403,728	2,548,125
71 Child Hosp Los Angeles	3,377	4,043	5,323	6,911	7,427	8,921	9,048	7,474
72 Am Col of Radiology	0	0	0	0	5	0	0	7,243
73 Ohio Aerospace Institute	0	0	0	0	0	2,755	5,482	7,109
74 MA Eye & Ear Infirmary	5,049	6,669	6,676	6,322	6,659	6,490	7,345	6,976
75 University Hospital MA	3,793	4,797	4,772	4,842	5,937	7,590	7,517	6,645
76 Oregon Research Inst	2,105	2,307	2,956	2,944	4,692	5,294	6,166	6,556
77 Carnegie Inst Washington	2,456	3,191	3,107	3,086	3,580	3,925	5,558	6,368
78 Edison Weld Inst	0	60	63	0	24	131	0	6,297
79 Syracuse Research Corp	5,299	7,123	5,322	1,509	1,775	3,744	5,394	6,252
80 Riverside Research Inst	19,528	13,787	18,619	10,738	10,684	9,644	10,847	6,141
Total 1st 80 institutions	1,197,240	1,284,599	1,418,121	1,491,584	1,679,108	2,097,803	2,461,085	2,615,186
81 NY Botanical Garden NY	1,008	615	827	783	1,329	1,709	2,100	5,916
82 Schepens Eye Rsch Inst	5,495	6,170	6,071	6,342	6,249	7,555	6,300	5,906
83 St Lukes Inst for Health	2,808	3,632	4,026	3,872	4,798	4,167	4,694	5,905
84 Boston Biomedical Rsch	4,589	4,201	3,759	4,384	4,079	3,854	5,442	5,873
85 Assc American Railroads	8,256	5,121	9,201	9,218	11,507	9,534	2,354	5,671
86 Oklahoma Med Rsch Fdn	5,569	6,455	6,139	4,826	4,527	5,781	5,526	5,490
87 Forsyth Dental Center	3,989	4,358	4,590	4,874	5,387	5,856	6,297	5,366
88 EK Shriver Ctr Mental	3,332	5,074	5,122	5,612	4,525	3,986	4,235	5,353
89 Am Cancer Rsch Ctr & Hosp	550	507	949	617	346	696	3,619	5,351
90 SE Ctr Elec Eng Ed	4,702	4,003	3,230	5,572	5,261	4,195	9,097	5,230
Total 1st 90 institutions	1,237,538	1,324,735	1,462,035	1,537,684	1,727,116	2,145,136	2,510,749	2,671,247
91 Jay David Gladstone Fdn	967	1,562	1,346	2,371	2,896	2,049	4,609	5,225
92 Natl Bureau Econ Rsch Inc	2,209	2,778	3,002	4,608	4,516	4,285	5,569	5,214
93 Child Hosp Pittsburgh	3,045	3,160	18,267	3,749	3,815	11,826	7,084	5,200
94 Long Island Jew Hillside	2,466	3,437	3,475	3,845	2,858	3,686	4,353	5,112
95 Tech Education Rsch Ctr	792	1,192	1,693	1,739	4,281	6,509	8,374	5,076
96 Western Research Inst	0	0	5,394	20,785	7,495	6,493	3,988	5,010
97 Mayo Foundation	36,040	39,823	38,617	39,801	37,521	43,232	6,673	4,977
98 Public Health Res Inst	3,211	4,254	4,558	4,920	4,394	4,680	4,962	4,968
99 Oceanic Institute	686	1,531	9,473	3,772	5,256	5,742	4,749	4,725
100 North Shore U Hospital	811	1,673	1,709	2,488	4,358	4,474	5,517	4,616
Total 1st 100 institutions	1,287,765	1,384,145	1,549,569	1,625,762	1,804,506	2,238,112	2,566,627	2,721,370

[1] The fiscal year (FY) 1993 obligations from the Department of Defense (DoD) to the Rand Corp. were mostly reported to Project Air Force, a federally funded research and development center (FFRDC) administered by the Rand Corp. The FY 1992 obligations from the DoD to the Rand Corp. were mostly reported to three FFRDCs administered by the Rand Corp.: Project Air Force, the Arroyo Center, and the National Defense Research Institute. FY 1991 obligations from DoD for the four entities were all reported as the Rand Corp.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-26. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	2,014,939	8,053	1,380	723,527	11,648	534,379	44,330	484,812	273	93,793	98,677	14,067
1 U Rsch Assc Super Conduc	494,829	0	0	0	0	494,829	0	0	0	0	0	0
2 Mitre Corporation	246,344	0	0	234,350	0	0	0	0	0	11,191	190	613
3 Sematech Inc	92,935	0	0	92,935	0	0	0	0	0	0	0	0
4 Battelle Memorial Inst	78,524	0	0	55,266	0	1,809	10,083	3,428	0	5,057	0	2,881
5 SRI International	64,368	0	0	44,541	0	1,898	100	9,035	0	2,093	6,701	0
6 Draper Laboratories	64,327	0	0	53,259	0	0	0	0	0	11,068	0	0
7 IIT Research Institute	61,310	0	0	57,046	0	613	149	2,488	0	0	0	1,014
8 F Hutchnsn Cancer Rsch	54,622	0	0	0	0	115	120	53,912	0	0	475	0
9 Sloan Kettering Cancer	48,438	0	0	227	0	642	0	47,423	0	0	146	0
10 Research Triangle Inst	43,605	0	0	4,146	0	1,372	13,628	22,117	0	1,992	0	350
Total 1st 10 institutions	1,249,302	0	0	541,770	0	501,278	24,080	138,403	0	31,401	7,512	4,858
11 Natl Ctr Manufactrng Sci	37,861	0	0	37,816	0	45	0	0	0	0	0	0
12 Salk Inst for Biol Study	33,785	210	0	7,222	0	571	0	25,627	0	155	0	0
13 Joint Ocean Insts Inc	30,487	0	0	105	0	0	0	0	0	0	30,382	0
14 Southwest Research Inst	29,917	0	0	15,029	0	637	1,045	0	0	7,580	144	5,482
15 Analytic Services Inc	29,786	0	0	29,636	0	0	0	0	0	150	0	0
16 U TN Calspn Aero Rsch	23,651	0	0	0	0	0	0	0	0	23,651	0	0
17 Southern Research Inst	22,528	0	0	2,603	0	2,387	1,281	16,224	0	33	0	0
18 Environmental Rsch Inst	21,540	0	0	18,893	0	0	0	205	0	2,392	50	0
19 Midwest Research Inst	20,267	30	0	2,734	0	3,975	9,132	4,396	0	0	0	0
20 Cold Spring Harbor Lab	19,858	0	0	3	0	548	0	17,335	0	0	1,972	0
Total 1st 20 institutions	1,518,982	240	0	655,811	0	509,441	35,538	202,190	0	65,362	40,060	10,340
21 MPC Corporation	18,053	0	0	0	0	0	0	1,171	0	0	16,882	0
22 Whitehead Inst Biomed	15,895	0	0	0	0	0	0	15,392	0	0	503	0
23 Natl Biomedical Rsch Fdn	14,580	0	0	13,500	0	0	0	1,080	0	0	0	0
24 Wistar Institute	14,302	0	0	0	0	0	0	13,890	0	0	412	0
25 Jackson Laboratory	12,994	0	0	0	0	0	0	12,835	0	0	159	0
26 ITT Research Inst	12,447	0	0	4,560	0	7,887	0	0	0	0	0	0
27 La Jolla Cancer Rsch Fdn	11,923	0	0	0	0	0	0	11,923	0	0	0	0
28 American Hlth Fdn Inc	11,706	0	0	0	0	0	0	11,706	0	0	0	0
29 Rand Corporation	11,506	0	0	0	0	145	200	7,844	0	183	1,837	1,297
30 Kaiser Fdn Rsch Inst	10,902	0	0	0	0	0	311	10,591	0	0	0	0
Total 1st 30 institutions	1,653,290	240	0	673,871	0	517,473	36,049	288,622	0	65,545	59,853	11,637
31 Inst for Cancer Research	9,578	0	0	0	0	0	0	9,301	0	0	277	0
32 H M Jackson Foundation	9,442	0	0	2,498	0	0	0	6,604	0	172	168	0
33 Worcester Fdn Exper Bio	8,661	0	0	150	0	83	0	8,217	0	0	211	0
34 Microelectronics Ctr	8,180	0	0	2,440	0	0	4,053	0	0	0	1,687	0
35 Ctr Blood Research	8,066	0	0	0	0	0	0	8,066	0	0	0	0
36 U City Science Center	7,998	0	0	2,616	0	1,804	0	3,223	0	355	0	0
37 Education Development Ctr	7,940	0	0	0	0	0	0	1,378	0	0	6,562	0
38 Seti Institute	7,894	0	0	0	0	0	0	0	0	7,666	228	0
39 Urban Institute	7,839	0	0	0	0	1,353	120	4,503	0	0	0	1,863
40 Beckman Research Inst	7,804	0	0	0	0	196	0	7,463	0	0	145	0
Total 1st 40 institutions	1,736,692	240	0	681,575	0	520,909	40,222	337,377	0	73,738	69,131	13,500
41 Ohio Aerospace Institute	7,109	0	0	200	0	0	0	0	0	6,909	0	0
42 Oregon Research Inst	6,556	0	0	0	0	0	0	6,471	0	0	85	0
43 Edison Weld Inst	6,297	0	0	6,297	0	0	0	0	0	0	0	0
44 Syracuse Research Corp	6,252	0	0	4,568	0	0	1,684	0	0	0	0	0
45 Riverside Research Inst	6,141	0	0	4,865	0	0	0	1,276	0	0	0	0
46 Schepens Eye Rsch Inst	5,906	0	0	0	0	0	0	5,906	0	0	0	0
47 St Lukes Inst for Health	5,905	0	0	0	0	0	0	5,905	0	0	0	0
48 Boston Biomedical Rsch	5,873	0	0	0	0	0	0	5,873	0	0	0	0
49 Oklahoma Med Rsch Fdn	5,490	0	0	0	0	0	0	5,425	0	0	65	0
50 Forsyth Dental Center	5,366	0	0	0	0	0	0	5,366	0	0	0	0
Total 1st 50 institutions	1,797,587	240	0	697,505	0	520,909	41,906	373,599	0	80,647	69,281	13,500

See explanatory information, if any, and SOURCE at end of table.

Table B-26. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 EK Shriver Ctr Mental	5,353	0	0	0	0	259	0	4,993	0	0	101	0
52 Natl Bureau Econ Rsch Inc	5,214	0	0	0	0	0	0	2,312	0	0	2,902	0
53 Tech Education Rsch Ctr	5,076	0	0	0	225	0	0	0	0	0	4,851	0
54 Western Research Inst	5,010	0	0	0	0	5,010	0	0	0	0	0	0
55 Mayo Foundation	4,977	0	0	4,574	0	0	0	312	0	0	91	0
56 Public Health Res Inst	4,968	0	0	0	0	0	0	4,684	0	0	284	0
57 Oceanic Institute	4,725	4,725	0	0	0	0	0	0	0	0	0	0
58 Med Rsch Fdn Oregon	4,585	0	0	0	0	0	0	4,436	0	0	149	0
59 Child Hosp Natl Med Ctr	4,505	0	0	0	0	0	0	4,505	0	0	0	0
60 Natl Defense Environ Corp	4,483	0	0	4,483	0	0	0	0	0	0	0	0
Total 1st 60 institutions	1,846,483	4,965	0	706,562	225	526,178	41,906	394,841	0	80,647	77,659	13,500
61 Pacific Inst Rsch&Eval MD	4,308	0	0	0	0	0	0	4,308	0	0	0	0
62 Oregon Socl Learning Ctr	4,194	0	0	0	0	0	0	4,194	0	0	0	0
63 Monell Chem Senses Ctr	4,113	136	0	0	0	0	0	3,977	0	0	0	0
64 Friends Med Sci Rsch Ctr	4,091	0	0	0	0	0	0	4,091	0	0	0	0
65 Natl Opinion Research Ctr	3,971	0	0	0	0	0	0	1,715	0	0	2,256	0
66 Smith Kittwell Eye Rsch	3,911	0	0	148	902	0	0	2,861	0	0	0	0
67 E Roosevelt Inst Cancer	3,691	0	0	0	0	308	0	3,383	0	0	0	0
68 Corp Natl Rsch Initiative	3,582	0	0	3,582	0	0	0	0	0	0	0	0
69 Math Sciences Rsch Inst	3,080	0	0	0	0	0	0	0	0	0	3,080	0
70 VA Mason Fdn Med Ed&Rsch	3,058	0	0	0	0	0	0	3,058	0	0	0	0
Total 1st 70 institutions	1,884,482	5,101	0	710,292	1,127	526,486	41,906	422,428	0	80,647	82,995	13,500
71 W Alton Jones Cell Sci	2,973	0	0	0	0	0	0	2,743	0	0	230	0
72 Rehab Inst of Chicago	2,924	0	0	0	899	0	0	25	0	0	2,000	0
73 Haskins Laboratories Inc	2,835	0	0	0	0	0	0	2,700	0	0	135	0
74 Alcohol Research Inst	2,791	0	0	0	0	0	0	2,791	0	0	0	0
75 Weis Center for Research	2,775	0	0	0	0	0	0	2,775	0	0	0	0
76 Lovelace Fdn for Med Ed	2,712	0	0	0	0	204	0	2,415	0	85	8	0
77 Kuakini Med Rsch Inst	2,710	0	0	0	0	0	0	2,710	0	0	0	0
78 Ctr Molecular Med & Immun	2,497	0	0	0	0	0	0	2,497	0	0	0	0
79 Lowell Observatory	2,418	0	0	1,325	0	0	0	0	0	950	143	0
80 Allegheny Singer Rsch	2,310	0	0	0	0	0	0	2,310	0	0	0	0
Total 1st 80 institutions	1,911,427	5,101	0	711,617	2,026	526,690	41,906	443,394	0	81,682	85,511	13,500
81 Marine Biological Lab	2,194	9	0	85	0	315	166	1,508	39	72	0	0
82 Human Resources Rsch Org	2,193	0	0	2,193	0	0	0	0	0	0	0	0
83 Am Inst Biological Sci	2,130	0	0	1,187	0	75	0	0	0	868	0	0
84 Mediantic Health Care Grp	2,122	0	0	0	298	0	0	1,824	0	0	0	0
85 Bartol Research Institute	2,048	0	0	0	0	335	0	0	0	784	929	0
86 Eloret Institute	2,009	0	0	0	0	0	0	0	0	2,009	0	0
87 Medical Biology Institute	1,974	0	0	0	0	0	0	1,974	0	0	0	0
88 Med Rsch Fdn Buffalo	1,941	0	0	0	0	0	0	1,849	0	0	92	0
89 Kestrel Institute	1,931	0	0	1,931	0	0	0	0	0	0	0	0
90 Air Conditioning & Refrig	1,900	0	0	0	0	1,900	0	0	0	0	0	0
Total 1st 90 institutions	1,931,869	5,110	0	717,013	2,324	529,315	42,072	450,549	39	85,415	86,532	13,500
91 Minneapolis Med Rsch Fdn	1,897	0	0	0	0	0	0	1,897	0	0	0	0
92 B Thompson Inst Plant	1,896	738	0	0	0	168	110	353	0	0	527	0
93 Los Amigos Rsch & Ed	1,884	0	0	0	1,884	0	0	0	0	0	0	0
94 Frontier Sci & Tech Rsch	1,853	0	0	0	0	0	0	1,853	0	0	0	0
95 Trudeau Institute Inc	1,831	0	0	0	0	0	0	1,831	0	0	0	0
96 Inst for Technology Dev	1,798	350	0	0	0	0	0	0	0	1,448	0	0
97 Health Research Inc	1,685	133	0	347	0	34	181	0	0	75	915	0
98 Scientific Analysis Corp	1,652	0	0	0	0	0	0	1,652	0	0	0	0
99 MCAT Institute	1,581	0	0	0	0	0	0	0	0	1,581	0	0
100 Coriell Inst for Med Rsch	1,577	0	0	0	0	0	0	1,577	0	0	0	0
Total 1st 100 institutions	1,949,523	6,331	0	717,360	4,208	529,517	42,363	459,712	39	88,519	87,974	13,500

See explanatory information, if any, and SOURCE at end of table.

Table B-26. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Palo Alto Med Rsch Fdn	1,545	200	0	0	0	0	0	1,345	0	0	0	0
102 Southwest Ed Dev Lab	1,520	0	0	0	1,520	0	0	0	0	0	0	0
103 Lankenau Med Rsch Center	1,514	0	0	0	0	0	0	1,514	0	0	0	0
104 Appalachia Ed Lab	1,483	0	0	0	1,483	0	0	0	0	0	0	0
105 CA Inst of Bio Research	1,439	0	0	0	0	0	0	1,439	0	0	0	0
106 Seattle Research Center	1,432	0	0	0	0	0	0	1,432	0	0	0	0
107 Far W Labs Ed Rsch & Dev	1,360	0	0	0	1,360	0	0	0	0	0	0	0
108 Research Better Schls Inc	1,320	0	0	0	1,320	0	0	0	0	0	0	0
109 Mid Continent Reg Ed Lab	1,311	0	0	0	1,311	0	0	0	0	0	0	0
110 N E Radio Observatory Ctr	1,300	0	0	0	0	0	0	0	0	0	1,300	0
Total 1st 110 institutions	1,963,747	6,531	0	717,360	11,202	529,517	42,363	465,442	39	88,519	89,274	13,500
111 U Corp for Atmosph Rsch	1,297	0	0	0	0	0	0	0	0	1,297	0	0
112 Resources for the Future	1,284	40	0	0	0	100	994	0	0	0	150	0
113 Gulf Coast Rsch Lab	1,278	839	339	0	0	0	100	0	0	0	0	0
114 Am Inst Rsch Pittsburgh	1,263	0	0	125	0	0	0	952	0	0	186	0
115 Franklin Inst	1,263	0	0	0	0	0	0	0	0	0	1,263	0
116 Am Inst Aeronautic Astro	1,259	0	0	0	0	0	0	0	0	1,259	0	0
117 CA Public Hlth Foundation	1,232	0	0	0	0	0	55	1,177	0	0	0	0
118 Intl Computer Sci Inst	1,229	0	0	365	0	0	0	0	0	0	864	0
119 Amb Sentinel Pract Ntwrk	1,227	0	0	0	0	0	0	1,227	0	0	0	0
120 Northeastern Rsch Fdn	1,210	0	0	77	0	0	0	0	0	190	943	0
Total 1st 120 institutions	1,976,289	7,410	339	717,927	11,202	529,617	43,512	468,798	39	91,265	92,680	13,500
121 American Welding Inst	1,189	0	0	173	0	1,016	0	0	0	0	0	0
122 Agouron Institute	1,152	0	0	169	0	0	0	983	0	0	0	0
123 Molecular Research Inst	1,147	0	0	0	0	0	90	825	0	132	100	0
124 Fox Chase Cancer Center	1,127	0	0	967	0	0	0	0	0	0	160	0
125 Miami Valley Rsch Inst	1,095	0	0	1,095	0	0	0	0	0	0	0	0
126 Industrial Tech Institute	1,053	0	632	421	0	0	0	0	0	0	0	0
127 Inst for Rsch on Learning	950	0	0	0	0	0	0	0	0	0	950	0
128 Ctr Adv Study Behav Sci	900	0	0	0	0	0	0	0	0	0	900	0
129 Hektoen Inst Med Rsch	888	0	0	0	0	0	0	888	0	0	0	0
130 Southwest Fdn Biomed Rsch	876	0	0	411	0	0	0	0	0	75	390	0
Total 1st 130 institutions	1,986,666	7,410	971	721,163	11,202	530,633	43,602	471,494	39	91,472	95,180	13,500
131 Ed Commission/States	861	0	0	0	0	0	0	0	0	0	861	0
132 Institute Aerobics Rsch	778	0	0	0	0	0	0	778	0	0	0	0
133 Ctr Hlth Economic Rsch	763	0	0	0	0	0	0	763	0	0	0	0
134 S Juan Capstrno Rsch Inst	732	0	0	0	0	0	0	0	0	732	0	0
135 Human Svc Rsch Institute	710	0	0	0	175	0	0	535	0	0	0	0
136 James N Gamble Inst Med	661	0	0	0	0	0	0	661	0	0	0	0
137 Skidaway Inst Oceanog	643	0	0	143	0	500	0	0	0	0	0	0
138 Pacific NW Research Fdn	627	0	0	50	0	0	0	577	0	0	0	0
139 Biomembrane Institute	567	0	0	0	0	0	0	567	0	0	0	0
140 Marshfield Med Rsch Fdn	565	0	0	0	0	0	0	565	0	0	0	0
Total 1st 140 institutions	1,993,573	7,410	971	721,356	11,377	531,133	43,602	475,940	39	92,204	96,041	13,500
141 Huntington Med Rsch Insts	559	0	0	0	0	0	0	459	0	100	0	0
142 Manpower Demon Rsch Corp	550	0	0	0	0	0	0	0	0	0	0	550
143 Florida Solar Energy Ctr	535	0	0	0	0	535	0	0	0	0	0	0
144 Hipple Cancer Rsch Ctr	532	0	0	0	0	0	0	532	0	0	0	0
145 Inst of Human Origins	516	0	0	0	0	0	0	0	0	0	516	0
146 Woods Hole Research Ctr	508	0	0	0	0	321	86	0	0	101	0	0
147 Sante Fe Institute	504	0	0	69	0	435	0	0	0	0	0	0
148 Ctr Hlth Policy Studies	501	0	0	0	0	0	0	501	0	0	0	0
149 Berkshire Medical Ctr	500	0	0	0	0	0	0	500	0	0	0	0
150 House Ear Institute	479	0	0	0	0	0	0	479	0	0	0	0
Total 1st 150 institutions	1,998,757	7,410	971	721,425	11,377	532,424	43,688	478,411	39	92,405	96,557	14,050

See explanatory information, if any, and SOURCE at end of table.

Table B-26. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Masonic Medical Rsch Lab	456	0	0	0	0	0	0	456	0	0	0	0
152 Tampa Bay Rsch Inst Tech	456	233	0	0	0	0	0	223	0	0	0	0
153 Western Aerospace Labs	449	0	0	0	0	0	0	0	0	449	0	0
154 Inst for Biogerontology	448	0	0	0	0	0	0	448	0	0	0	0
155 Biomechanics Inst Inc	446	0	0	0	0	0	0	446	0	0	0	0
156 Salt Lake Clinic Rsch Fdn	441	0	0	0	0	0	0	441	0	0	0	0
157 Eeg Systems Lab	434	0	0	0	0	0	0	434	0	0	0	0
158 Nature Conservancy	423	30	0	279	0	0	0	0	114	0	0	0
159 Natl Conf St Legis Leader	398	0	0	0	0	0	398	0	0	0	0	0
160 East West Center	392	42	0	0	0	327	0	0	23	0	0	0
Total 1st 160 institutions	2,003,100	7,715	971	721,704	11,377	532,751	44,086	480,859	176	92,854	96,557	14,050
161 Herditary Disease Fdn	374	0	0	0	0	0	0	374	0	0	0	0
162 Michigan Molecular Inst	372	0	0	372	0	0	0	0	0	0	0	0
163 Eye Research Institute	333	0	0	0	0	333	0	0	0	0	0	0
164 N Charles Mental Health	328	0	0	0	0	0	0	328	0	0	0	0
165 Mount Desert Isld Bio Lab	324	0	0	0	0	0	0	285	0	0	39	0
166 Mount Wilson Institute	316	0	0	316	0	0	0	0	0	0	0	0
167 Utah Research Institute	314	0	0	0	0	204	0	0	0	0	110	0
168 Factory Mutual Research	307	0	107	0	0	200	0	0	0	0	0	0
169 Space Physics Rsch Inst	298	0	0	0	0	0	0	0	0	298	0	0
170 Buffalo Soc Natural Sci	292	0	0	0	0	0	0	0	0	0	292	0
Total 1st 170 institutions	2,006,358	7,715	1,078	722,392	11,377	533,488	44,086	481,846	176	93,152	96,998	14,050
171 Public Health Fdn LA	281	0	0	0	0	0	0	281	0	0	0	0
172 Miami Heart Institute	280	0	0	0	0	0	0	280	0	0	0	0
173 MA Health Research Inst	266	0	0	0	0	0	0	266	0	0	0	0
174 Childrens TV Workshop	257	0	0	0	0	0	0	0	0	0	257	0
175 D Guthrie Fdn Med Rsch	249	0	0	0	0	0	0	249	0	0	0	0
176 Rancho Santa Ana Bot Gdns	240	0	0	0	0	0	0	0	0	0	240	0
177 Ctr Hlth Policy Rsch	231	0	0	0	0	0	0	230	0	0	0	1
178 Soc Industrial App M	230	0	0	10	0	30	0	0	0	0	190	0
179 Assc Analytical Chemists	200	0	0	0	0	0	0	200	0	0	0	0
180 Inst Adv Manufactrng Sci	200	0	200	0	0	0	0	0	0	0	0	0
Total 1st 180 institutions	2,008,792	7,715	1,278	722,402	11,377	533,518	44,086	483,352	176	93,152	97,685	14,051
181 Inst for Sci Rsch Inc	198	0	0	0	0	0	0	0	0	138	60	0
182 Acad of Applied Science	192	0	0	192	0	0	0	0	0	0	0	0
183 Earthquake Eng Rsch Inst	191	0	0	0	0	0	0	0	0	0	181	10
184 Eye & Ear Inst Pittsbrgh	184	0	0	184	0	0	0	0	0	0	0	0
185 Inst Rsch Social Problem	184	0	0	0	0	0	0	184	0	0	0	0
186 Cancer Rsch Center	183	0	0	0	0	0	124	59	0	0	0	0
187 Ctr Policy Research	177	0	0	0	0	0	0	177	0	0	0	0
188 Transnatl Family Rsch CA	177	0	0	0	0	0	0	177	0	0	0	0
189 Rocky Mountain Bio Lab	175	0	0	0	0	0	0	0	0	0	175	0
190 Sansum Medical Rsch Fdn	174	0	0	0	0	0	0	174	0	0	0	0
Total 1st 190 institutions	2,010,627	7,715	1,278	722,778	11,377	533,518	44,210	484,123	176	93,290	98,101	14,061
191 Education & Tech Fdn	171	0	0	0	171	0	0	0	0	0	0	0
192 Philadelphia Psychiatric	163	0	0	0	0	0	0	163	0	0	0	0
193 Inst Medical Research	162	0	0	0	0	0	0	162	0	0	0	0
194 Pacific Intl Ctr Hi Tech	150	0	0	0	0	150	0	0	0	0	0	0
195 Seattle Biomed Rsch Inst	141	0	0	141	0	0	0	0	0	0	0	0
196 Am Geological Institute	139	0	0	0	0	139	0	0	0	0	0	0
197 Calspan U Buffalo Rsch	136	0	0	0	0	0	0	0	0	136	0	0
198 Inst Expermntl Psychiatry	135	0	0	0	0	0	0	0	0	135	0	0
199 Northern CA Inst Rsch&Ed	125	0	0	45	0	0	0	0	0	80	0	0
200 Yale Southern Observatory	124	0	0	0	0	0	0	0	0	0	124	0
Total 1st 200 institutions	2,012,073	7,715	1,278	722,964	11,548	533,807	44,210	484,448	176	93,641	98,225	14,061

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Table B-26. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Sugar Process Rsch Inst	123	123	0	0	0	0	0	0	0	0	0	0
202 Child Trends Inc	122	0	0	0	0	0	0	122	0	0	0	0
203 Transnatl Family Rsch MD	121	0	0	0	0	0	0	121	0	0	0	0
204 Carnegie Inst Pittsburgh	111	0	0	0	0	0	0	0	0	0	111	0
205 Coord Research Council	110	0	0	110	0	0	0	0	0	0	0	0
206 Ctr Strategic Intl Study	106	0	0	106	0	0	0	0	0	0	0	0
207 Brookings Institution	104	0	0	0	0	0	50	0	0	0	54	0
208 Ctr Applied Neuropsych	100	0	0	0	100	0	0	0	0	0	0	0
209 Inst Global Environment	100	0	0	0	0	100	0	0	0	0	0	0
210 Monterey Bay Aquarm Rsch	100	0	0	0	0	100	0	0	0	0	0	0
Total 1st 210 institutions	2,013,170	7,838	1,278	723,180	11,648	534,007	44,260	484,691	176	93,641	98,390	14,061
211 Savannah River Ecol Lab	100	0	0	0	0	100	0	0	0	0	0	0
212 Southern State Energy	100	0	0	0	0	100	0	0	0	0	0	0
213 Ctr American Archeology	96	0	0	0	0	0	0	0	0	0	96	0
214 Dupuy Institute Inc	92	0	0	92	0	0	0	0	0	0	0	0
215 Inst Womens Policy Rsch	84	0	0	0	0	0	0	0	0	0	81	3
216 Linus Pauling Institute	83	0	0	0	0	83	0	0	0	0	0	0
217 Rodale Institute	76	76	0	0	0	0	0	0	0	0	0	0
218 Hubbs Sea World Rsch Inst	75	0	0	75	0	0	0	0	0	0	0	0
219 Center Marine Conserv	70	0	0	0	0	0	70	0	0	0	0	0
220 Oak Ridge Research Inst	66	26	0	0	0	40	0	0	0	0	0	0
Total 1st 220 institutions	2,014,012	7,940	1,278	723,347	11,648	534,330	44,330	484,691	176	93,641	98,567	14,064
221 Systems for Envir Mgt	63	63	0	0	0	0	0	0	0	0	0	0
222 Ctr Hzrds Materials Rsch	60	0	60	0	0	0	0	0	0	0	0	0
223 Maria Mitchell Observ	60	0	0	0	0	0	0	0	0	0	60	0
224 Carnegie Inst Baltimore	55	0	0	0	0	0	0	0	55	0	0	0
225 Astrophysical Rsch Cnsrtm	50	0	0	0	0	0	0	0	0	0	50	0
226 S W Paleontology Fdn Inc	50	0	0	50	0	0	0	0	0	0	0	0
227 Biomedical Research Inst	45	0	0	45	0	0	0	0	0	0	0	0
228 New Engl Inst Landscape	45	0	0	45	0	0	0	0	0	0	0	0
229 Am Col Nuclear Physicists	43	0	0	0	0	43	0	0	0	0	0	0
230 Kennedy Rsch Inst Inc	43	0	0	0	0	0	0	43	0	0	0	0
Total 1st 230 institutions	2,014,526	8,003	1,338	723,487	11,648	534,373	44,330	484,734	231	93,641	98,677	14,064
231 National Water Rsch Inst	42	0	0	0	0	0	0	0	42	0	0	0
232 Natl Inst Statistical Sci	42	0	42	0	0	0	0	0	0	0	0	0
233 Calvert Institute	37	0	0	0	0	0	0	0	0	37	0	0
234 Palisades Geophysical Ins	35	0	0	35	0	0	0	0	0	0	0	0
235 Ctr Space Trans & Appl Rs	32	0	0	0	0	0	0	0	0	32	0	0
236 Southeastern U Rsch Assc	32	0	0	0	0	0	0	0	0	32	0	0
237 W Biomedical Rsch Inst	32	0	0	0	0	0	0	0	0	31	0	1
238 Inst Ed Leadership	31	0	0	0	0	0	0	31	0	0	0	0
239 Willamette Inst Bio Cntrl	30	30	0	0	0	0	0	0	0	0	0	0
240 Emergency Care Rsch Inst	25	0	0	0	0	0	0	25	0	0	0	0
Total 1st 240 institutions	2,014,864	8,033	1,380	723,522	11,648	534,373	44,330	484,790	273	93,773	98,677	14,065
241 Psoriasis Rsch Inst	22	0	0	0	0	0	0	22	0	0	0	0
242 G M Stutton Avian Rsch	17	0	0	0	0	0	0	0	0	15	0	2
243 Aspen Center for Physics	16	0	0	5	0	6	0	0	0	5	0	0
244 Internatl Life Sci Inst	10	10	0	0	0	0	0	0	0	0	0	0
245 Point Reyes Bird Observ	10	10	0	0	0	0	0	0	0	0	0	0
Total 1st 245 institutions	2,014,939	8,053	1,380	723,527	11,648	534,379	44,330	484,812	273	93,793	98,677	14,067

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-27. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	653,854	397	0	10,144	4,775	2,305	110	630,930	0	1,679	3,374	140
1 MA General Hospital	89,109	305	0	4,442	0	681	0	83,258	0	160	263	0
2 Brigham and Womens Hosp	86,394	0	0	110	0	20	0	86,025	0	99	140	0
3 Scripps Clinic & Rsch Fdn	72,560	0	0	1,504	0	277	0	70,289	0	490	0	0
4 Sidney Farber Cancer Inst	51,700	0	0	0	0	0	0	51,700	0	0	0	0
5 Child Hosp Boston	32,816	0	0	0	403	0	0	32,253	0	160	0	0
6 New Eng Med Ctr & Hosp	23,642	0	0	190	111	650	0	22,691	0	0	0	0
7 Beth Israel Hosp NJ	22,674	0	0	0	0	0	0	22,674	0	0	0	0
8 St Jude Child Rsch Hosp	18,737	0	0	0	0	0	0	18,737	0	0	0	0
9 Child Hosp Phila	17,329	0	0	950	0	0	0	16,379	0	0	0	0
10 Cleveland Clinic Fdn	14,139	0	0	0	0	0	0	14,003	0	0	136	0
Total 1st 10 institutions	429,100	305	0	7,196	514	1,628	0	418,009	0	909	539	0
11 New Eng Deaconess Hosp	13,977	0	0	2,629	0	0	0	11,078	0	270	0	0
12 Rush Presbyterian St Luke	13,449	0	0	159	0	0	110	13,112	0	7	61	0
13 Montefiore Hosp & Med Ctr	11,305	0	0	0	0	0	0	11,305	0	0	0	0
14 McLean Hospital	10,511	0	0	0	0	0	0	10,384	0	0	127	0
15 Cedars Sinai Med Ctr	9,179	0	0	0	0	528	0	8,651	0	0	0	0
16 Jewish Hosp of St Louis	8,971	0	0	0	0	0	0	8,901	0	70	0	0
17 Child Hosp Med Ctr Cincin	7,980	0	0	0	0	0	0	7,980	0	0	0	0
18 Child Hosp Los Angeles	7,474	0	0	50	0	0	0	7,339	0	0	85	0
19 MA Eye & Ear Infirmary	6,976	0	0	58	0	0	0	6,918	0	0	0	0
20 University Hospital MA	6,645	0	0	0	0	0	0	6,645	0	0	0	0
Total 1st 20 institutions	525,567	305	0	10,092	514	2,156	110	510,322	0	1,256	812	0
21 Am Cancer Rsch Ctr & Hosp	5,351	0	0	0	0	0	0	5,351	0	0	0	0
22 Child Hosp Pittsburgh	5,200	0	0	0	0	0	0	5,200	0	0	0	0
23 Long Island Jew Hillside	5,112	0	0	0	0	0	0	5,112	0	0	0	0
24 North Shore U Hospital	4,616	0	0	0	0	0	0	4,616	0	0	0	0
25 Rhode Island Hospital	4,572	0	0	0	0	75	0	4,426	0	0	71	0
26 Child Orthopedic Hospital	4,435	0	0	0	0	0	0	4,435	0	0	0	0
27 Montefiore Hospital	4,406	0	0	0	0	0	0	4,406	0	0	0	0
28 Hosp for Special Surgery	4,100	0	0	0	0	0	0	4,100	0	0	0	0
29 Hebrew Rehab Center	4,053	0	0	0	0	0	0	4,053	0	0	0	0
30 Scripps Memorial Hospital	3,836	0	0	0	0	0	0	3,836	0	0	0	0
Total 1st 30 institutions	571,248	305	0	10,092	514	2,231	110	555,857	0	1,256	883	0
31 Miriam Hospital	3,623	0	0	0	0	0	0	3,548	0	75	0	0
32 Roger Williams Gen Hosp	3,480	0	0	0	0	0	0	3,480	0	0	0	0
33 Beth Israel Medical Ctr	3,434	0	0	0	0	0	0	3,434	0	0	0	0
34 St Josephs Hosp & Med Ctr	3,356	0	0	0	0	0	0	3,356	0	0	0	0
35 St Eliz Hosp Boston MA	3,004	0	0	0	0	0	0	3,004	0	0	0	0
36 Memorial Hosp Pawtucket	2,877	0	0	0	0	0	0	2,877	0	0	0	0
37 Child Hosp&Med Ctr N CA	2,718	0	0	0	0	0	0	2,718	0	0	0	0
38 Presbyterian Hosp in NY	2,596	0	0	0	0	0	0	2,596	0	0	0	0
39 Philadelphia Geriatrc Ctr	2,150	0	0	0	0	0	0	2,150	0	0	0	0
40 Child Hosp Columbus	2,047	0	0	0	0	0	0	2,047	0	0	0	0
Total 1st 40 institutions	600,533	305	0	10,092	514	2,231	110	585,067	0	1,331	883	0
41 Inst Rehab & Rsch	1,945	0	0	0	1,945	0	0	0	0	0	0	0
42 Graduate Hospital	1,754	0	0	0	0	0	0	1,754	0	0	0	0
43 Magee Womens Hosp	1,733	0	0	0	0	0	0	1,733	0	0	0	0
44 St Lukes Roosevlt Hosp C	1,368	0	0	0	0	0	0	1,368	0	0	0	0
45 Cath Med Brklyn Queens	1,269	0	0	0	0	0	0	1,269	0	0	0	0
46 Mt Sinai Hosp Med Ctr WI	1,234	0	0	0	0	0	0	1,234	0	0	0	0
47 Craig Hospital	1,138	0	0	0	990	0	0	148	0	0	0	0
48 Overlook Hospital	1,138	0	0	0	0	0	0	0	0	0	1,138	0
49 Butler Hospital	1,063	0	0	0	0	0	0	1,063	0	0	0	0
50 Women & Infants Hosp	1,047	0	0	0	0	0	0	1,047	0	0	0	0
Total 1st 50 institutions	614,222	305	0	10,092	3,449	2,231	110	594,683	0	1,331	2,021	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Evanston Hospital	884	0	0	0	0	0	0	884	0	0	0	0
52 Moss Rehabilitation Hosp	855	0	0	0	49	0	0	806	0	0	0	0
53 Mary Imogene Basset Hosp	821	0	0	0	0	0	0	821	0	0	0	0
54 Bronx Lebanon Hosp Ctr	816	0	0	0	0	0	0	816	0	0	0	0
55 Child Hosp St Paul	806	0	0	0	0	0	0	806	0	0	0	0
56 Medical Center Delaware	783	0	0	0	0	0	0	783	0	0	0	0
57 Good Samaritan Hosp & Med	746	0	0	0	0	0	0	509	0	49	188	0
58 William Beaumont Hospital	728	0	0	0	0	0	0	728	0	0	0	0
59 Burke Rehabilitation Ctr	715	0	0	0	0	0	0	715	0	0	0	0
60 Hosp Joint Disease Ortho	711	0	0	0	0	0	0	595	0	0	116	0
Total 1st 60 institutions	622,087	305	0	10,092	3,498	2,231	110	602,146	0	1,380	2,325	0
61 Iowa Methodist Hlth Fdn	698	0	0	0	0	0	0	698	0	0	0	0
62 Swedish Hospital Med Ctr	676	0	0	0	0	0	0	570	0	0	106	0
63 Carrier Clinic Foundation	663	0	0	0	0	0	0	663	0	0	0	0
64 Child Hosp & Health Ctr	661	0	0	0	0	0	0	661	0	0	0	0
65 Mt Sinai Hosp Cleveland	652	0	0	0	0	0	0	652	0	0	0	0
66 Pennsylvania Hospital	641	0	0	0	0	0	0	641	0	0	0	0
67 Latter Day Saints Hosp	638	0	0	0	0	0	0	638	0	0	0	0
68 Albert Einstein Med Ctr	636	0	0	0	0	0	0	256	0	0	380	0
69 St Josephs Hosp Chicago	592	0	0	0	0	0	0	592	0	0	0	0
70 Carle Foundation Hospital	582	0	0	0	0	0	0	268	0	0	314	0
Total 1st 70 institutions	628,526	305	0	10,092	3,498	2,231	110	607,785	0	1,380	3,125	0
71 Henry Ford Hospital	561	0	0	0	0	0	0	536	0	0	25	0
72 Child Asthma Rsch Inst	558	0	0	0	0	0	0	558	0	0	0	0
73 Mt Sinai Hosp Med Ctr FL	518	0	0	0	0	0	0	518	0	0	0	0
74 Beth Israel Hosp MA	468	0	0	52	0	0	0	357	0	59	0	0
75 Shepard Spinal Center	466	0	0	0	466	0	0	0	0	0	0	0
76 St Francis Hosp Wichita	460	0	0	0	0	0	0	460	0	0	0	0
77 Kapiolani Child Med Ctr	452	0	0	0	0	0	0	452	0	0	0	0
78 Providence Med Ctr Prtlnd	449	0	0	0	0	0	0	449	0	0	0	0
79 St Francis Hosp & Med Ctr	441	0	0	0	0	0	0	441	0	0	0	0
80 Mercy Catholic Med Ctr	434	0	0	0	0	0	0	434	0	0	0	0
Total 1st 80 institutions	633,333	305	0	10,144	3,964	2,231	110	611,990	0	1,439	3,150	0
81 Kessler Inst for Rehab	426	0	0	0	426	0	0	0	0	0	0	0
82 Allegheny General Hosp	389	0	0	0	0	0	0	389	0	0	0	0
83 Rehabilitation Inst MI	385	0	0	0	385	0	0	0	0	0	0	0
84 Child Hosp Michigan	353	0	0	0	0	0	0	353	0	0	0	0
85 Brookdale Hospital Center	343	0	0	0	0	0	0	343	0	0	0	0
86 Butterworth Hospital	316	0	0	0	0	0	0	316	0	0	0	0
87 Scott and White Mem Hosp	300	0	0	0	0	0	0	300	0	0	0	0
88 Community Hosp McCook	274	0	0	0	0	0	0	50	0	0	224	0
89 Intr-Indstry Ec Rsch Fund	246	0	0	0	0	0	0	246	0	0	0	0
90 Mt Zion Hosp & Med Ctr	235	0	0	0	0	0	0	235	0	0	0	0
Total 1st 90 institutions	636,600	305	0	10,144	4,775	2,231	110	614,222	0	1,439	3,374	0
91 Penrose Hospital	234	0	0	0	0	0	0	234	0	0	0	0
92 Sinai Hospital Baltimore	226	0	0	0	0	0	0	226	0	0	0	0
93 Borgess Medical Center	225	0	0	0	0	0	0	225	0	0	0	0
94 St Josephs Hosp Atlanta	219	0	0	0	0	0	0	219	0	0	0	0
95 St Lukes Hosp Fargo	217	0	0	0	0	0	0	217	0	0	0	0
96 Wills Eye Hospital	217	0	0	0	0	0	0	217	0	0	0	0
97 St Johns Mercy Med Ctr	207	0	0	0	0	0	0	207	0	0	0	0
98 Huntington Memorial Hosp	200	0	0	0	0	0	0	200	0	0	0	0
99 Maine Medical Center	200	0	0	0	0	0	0	200	0	0	0	0
100 Mills Peninsula Hlth Sys	200	0	0	0	0	0	0	200	0	0	0	0
Total 1st 100 institutions	638,745	305	0	10,144	4,775	2,231	110	616,367	0	1,439	3,374	0

See explanatory information, if any, and SOURCE at end of table

Table B-27. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Baptist Med Ctr MO	187	0	0	0	0	0	0	187	0	0	0	0
102 Methodist Hosp Peoria IL	180	0	0	0	0	0	0	180	0	0	0	0
103 Mercy Hospital Scranton	178	0	0	0	0	0	0	178	0	0	0	0
104 Sinai Hospital Detroit	174	0	0	0	0	0	0	174	0	0	0	0
105 Kettering Medical Center	170	0	0	0	0	0	0	170	0	0	0	0
106 Ingalls Mem Hospital	163	0	0	0	0	0	0	163	0	0	0	0
107 Johns Hopkins Hospital	163	0	0	0	0	0	0	33	0	0	0	130
108 Hospital Good Samaritan	161	0	0	0	0	0	0	161	0	0	0	0
109 St Johns Reg Hlth Ctr	161	0	0	0	0	0	0	161	0	0	0	0
110 Methodist Hosp Indnpol IN	159	92	0	0	0	0	0	67	0	0	0	0
Total 1st 110 institutions	640,441	397	0	10,144	4,775	2,231	110	617,841	0	1,439	3,374	130
111 Rutland Regional Med Ctr	154	0	0	0	0	0	0	154	0	0	0	0
112 Touro Research Institute	145	0	0	0	0	0	0	145	0	0	0	0
113 NY Soc Relf Ruptrd&Cripld	135	0	0	0	0	0	0	0	0	135	0	0
114 Hackensack Hospital	117	0	0	0	0	0	0	117	0	0	0	0
115 A I DuPont Inst Nemours	115	0	0	0	0	0	0	0	0	105	0	10
116 Good Samaritan Med Ctr	114	0	0	0	0	0	0	114	0	0	0	0
117 Inter Faith Medical Ctr	114	0	0	0	0	0	0	114	0	0	0	0
118 Hartford Hospital	111	0	0	0	0	0	0	111	0	0	0	0
119 MT Hosp Rsch & Ed Fdn	111	0	0	0	0	0	0	111	0	0	0	0
120 Childrens Mercy Hosp	106	0	0	0	0	0	0	106	0	0	0	0
Total 1st 120 institutions	641,663	397	0	10,144	4,775	2,231	110	618,813	0	1,679	3,374	140
121 St Josephs Hosp Houston	103	0	0	0	0	0	0	103	0	0	0	0
122 Yoakum Cmty Hospital	100	0	0	0	0	0	0	100	0	0	0	0
123 Manhattan Eye/Ear/Throat	98	0	0	0	0	0	0	98	0	0	0	0
124 Mercy Hosp of Pittsburgh	79	0	0	0	0	0	0	79	0	0	0	0
125 Mem Hosp Med Ctr Long Bch	78	0	0	0	0	0	0	78	0	0	0	0
126 St Marys Hosp CO	74	0	0	0	0	74	0	0	0	0	0	0
127 Carondelet Hlth Svc Inc	64	0	0	0	0	0	0	64	0	0	0	0
128 Anamosa Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
129 Anson County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
130 Ashe Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 130 institutions	642,409	397	0	10,144	4,775	2,305	110	619,485	0	1,679	3,374	140
131 Ashley Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
132 Bapt Mem Hosp Booneville	50	0	0	0	0	0	0	50	0	0	0	0
133 Bapt Mem Hosp-Huntingdon	50	0	0	0	0	0	0	50	0	0	0	0
134 Baptist Med Ctr Cherokee	50	0	0	0	0	0	0	50	0	0	0	0
135 Belle Fouche Hlth Care	50	0	0	0	0	0	0	50	0	0	0	0
136 Benson Hospital	50	0	0	0	0	0	0	50	0	0	0	0
137 Big Horn Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
138 Blowing Rock Hospital	50	0	0	0	0	0	0	50	0	0	0	0
139 Blue Ridge Hosp Sys Inc	50	0	0	0	0	0	0	50	0	0	0	0
140 Bonne Terre Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 140 institutions	642,909	397	0	10,144	4,775	2,305	110	619,985	0	1,679	3,374	140
141 Broadus Hospital	50	0	0	0	0	0	0	50	0	0	0	0
142 Bullock Co Hosp Nursing	50	0	0	0	0	0	0	50	0	0	0	0
143 Burnett General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
144 C.A. Cannon Jr Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
145 Calumet Public Hospital	50	0	0	0	0	0	0	50	0	0	0	0
146 Campbell Co Hosp Dist	50	0	0	0	0	0	0	50	0	0	0	0
147 Carroll Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
148 Castaner General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
149 Central Peninsula Gen Hos	50	0	0	0	0	0	0	50	0	0	0	0
150 Central Texas Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 150 institutions	643,409	397	0	10,144	4,775	2,305	110	620,485	0	1,679	3,374	140

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Central Valley Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
152 Chadron Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
153 Clarendon Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
154 Cleburne Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
155 Cmty Hospital MO	50	0	0	0	0	0	0	50	0	0	0	0
156 Cmty Mem Hosp Oconto Fls	50	0	0	0	0	0	0	50	0	0	0	0
157 Cmty Mem Hosp Winona	50	0	0	0	0	0	0	50	0	0	0	0
158 Cmty Memorial Hosp Lisbon	50	0	0	0	0	0	0	50	0	0	0	0
159 Colorado Fayette Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
160 Colorado Plans Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 160 institutions	643,909	397	0	10,144	4,775	2,305	110	620,985	0	1,679	3,374	140
161 Colusa Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
162 Community Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
163 Conejos County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
164 Cook County N Shore Hosp	50	0	0	0	0	0	0	50	0	0	0	0
165 Copper Basin Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
166 Coteau Des Prairies Hosp	50	0	0	0	0	0	0	50	0	0	0	0
167 Crosbyton Clinic Hosp	50	0	0	0	0	0	0	50	0	0	0	0
168 Cullman Rgn Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
169 Cushing Municipal Hosp	50	0	0	0	0	0	0	50	0	0	0	0
170 Custer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 170 institutions	644,409	397	0	10,144	4,775	2,305	110	621,485	0	1,679	3,374	140
171 Davis County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
172 Dickenson Co Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
173 Door Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
174 Down East Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
175 E Texas Med Ctr Mt Vernon	50	0	0	0	0	0	0	50	0	0	0	0
176 Eagle River Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
177 East Morgan Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
178 Eastland Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
179 Ed A Utlaut Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
180 Elizabethtown Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 180 institutions	644,909	397	0	10,144	4,775	2,305	110	621,985	0	1,679	3,374	140
181 Flandreau Municipal Hosp	50	0	0	0	0	0	0	50	0	0	0	0
182 Forest Glen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
183 Franklin Mem Hlth Care	50	0	0	0	0	0	0	50	0	0	0	0
184 Garfield Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
185 Garrett Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
186 Geary Co Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
187 Gentry Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
188 George County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
189 Gerber Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
190 Gettysburg Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 190 institutions	645,409	397	0	10,144	4,775	2,305	110	622,485	0	1,679	3,374	140
191 Glendive Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
192 Good Samaritan Hosp Rugby	50	0	0	0	0	0	0	50	0	0	0	0
193 Graham Hospital	50	0	0	0	0	0	0	50	0	0	0	0
194 Grande Ronde Hospital	50	0	0	0	0	0	0	50	0	0	0	0
195 Granite Falls Munic Hosp	50	0	0	0	0	0	0	50	0	0	0	0
196 Grant Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
197 Greene Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
198 Grove General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
199 Gunnison Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
200 Hamilton Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 200 institutions	645,909	397	0	10,144	4,775	2,305	110	622,985	0	1,679	3,374	140

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Hardin County Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
202 Harmony Cmty Hosp Assc	50	0	0	0	0	0	0	50	0	0	0	0
203 Harris Methodist Erath Co	50	0	0	0	0	0	0	50	0	0	0	0
204 Harrisburg Med Ctr Inc	50	0	0	0	0	0	0	50	0	0	0	0
205 Havasu Samaritan Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
206 Helena Hospital	50	0	0	0	0	0	0	50	0	0	0	0
207 Hendricks Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
208 Hill Country Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
209 Illini Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
210 Island Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 210 institutions	646,409	397	0	10,144	4,775	2,305	110	623,485	0	1,679	3,374	140
211 J Fitzgibbon Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
212 Jackson Co Public Hosp	50	0	0	0	0	0	0	50	0	0	0	0
213 Jellico Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
214 Kelsey Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
215 Kenmare Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
216 Kent&Queen Annes Hosp	50	0	0	0	0	0	0	50	0	0	0	0
217 Kings Daughters Hosp	50	0	0	0	0	0	0	50	0	0	0	0
218 Knox County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
219 Lake Area Hospital	50	0	0	0	0	0	0	50	0	0	0	0
220 Lake View Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 220 institutions	646,909	397	0	10,144	4,775	2,305	110	623,985	0	1,679	3,374	140
221 Langlade Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
222 Lawrence Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
223 Lebanon Co Hospital	50	0	0	0	0	0	0	50	0	0	0	0
224 Lee Co Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
225 Lewis Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
226 Linton Hospital	50	0	0	0	0	0	0	50	0	0	0	0
227 Littleton Hospital	50	0	0	0	0	0	0	50	0	0	0	0
228 Lower Valley Hosp Assoc	50	0	0	0	0	0	0	50	0	0	0	0
229 Madelia Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
230 Maine Coast Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 230 institutions	647,409	397	0	10,144	4,775	2,305	110	624,485	0	1,679	3,374	140
231 Marcus Daly Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
232 Marcus J Lwrnce Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
233 Margaretville Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
234 Memorial Hosp Iowa Co	50	0	0	0	0	0	0	50	0	0	0	0
235 Memorial Hospital KS	50	0	0	0	0	0	0	50	0	0	0	0
236 Mercy Hospital KS	50	0	0	0	0	0	0	50	0	0	0	0
237 Merrill Pioneer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
238 Mid MI Reg Med Gladwin	50	0	0	0	0	0	0	50	0	0	0	0
239 Miles Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
240 Montgomery Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 240 institutions	647,909	397	0	10,144	4,775	2,305	110	624,985	0	1,679	3,374	140
241 Montrose Rgn Hosp, Inc.	50	0	0	0	0	0	0	50	0	0	0	0
242 Mount Graham Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
243 Mount San Rafael Hosp	50	0	0	0	0	0	0	50	0	0	0	0
244 N W Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
245 NW Florida Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
246 Northeastern VT Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
247 Oak Hill Hospital	50	0	0	0	0	0	0	50	0	0	0	0
248 Oconto Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
249 Odessa Hospital	50	0	0	0	0	0	0	50	0	0	0	0
250 Ohio County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 250 institutions	648,409	397	0	10,144	4,775	2,305	110	625,485	0	1,679	3,374	140

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Orange County Hosp	50	0	0	0	0	0	0	50	0	0	0	0
252 Osmond General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
253 Our Lady of the Way Hosp	50	0	0	0	0	0	0	50	0	0	0	0
254 Page Hospital	50	0	0	0	0	0	0	50	0	0	0	0
255 Parkview Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
256 Paul Oliver Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
257 Pawnee Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
258 Pella Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
259 Perry Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
260 Perry Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 260 institutions	648,909	397	0	10,144	4,775	2,305	110	625,985	0	1,679	3,374	140
261 Pioneer Memorial Hosp OR	50	0	0	0	0	0	0	50	0	0	0	0
262 Platte Cmty Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
263 Pointe Coupee Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
264 Pondera County Hosp	50	0	0	0	0	0	0	50	0	0	0	0
265 Portage View Hospital	50	0	0	0	0	0	0	50	0	0	0	0
266 Prairie Lks Hlth Care Sys	50	0	0	0	0	0	0	50	0	0	0	0
267 Presentation Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
268 Punxsutawney Area Hosp	50	0	0	0	0	0	0	50	0	0	0	0
269 R J Taylor Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
270 RJ Reynolds-Ptrk Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 270 institutions	649,409	397	0	10,144	4,775	2,305	110	626,485	0	1,679	3,374	140
271 Reedsburg Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
272 Rehobth McKnly Chrst Hosp	50	0	0	0	0	0	0	50	0	0	0	0
273 Renville Co Hospice	50	0	0	0	0	0	0	50	0	0	0	0
274 Richardton Hlth Ctr Inc	50	0	0	0	0	0	0	50	0	0	0	0
275 Sacred Heart Hospital	50	0	0	0	0	0	0	50	0	0	0	0
276 Salem Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
277 Scheurer Hospital	50	0	0	0	0	0	0	50	0	0	0	0
278 Scotland Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
279 Sea Level Hospital	50	0	0	0	0	0	0	50	0	0	0	0
280 Seward General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 280 institutions	649,909	397	0	10,144	4,775	2,305	110	626,985	0	1,679	3,374	140
281 Sioux Ctr Hosp & Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0	0
282 Sistersville General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
283 Skiff Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
284 South Lion Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
285 Southern Hills Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
286 St Aloisius Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
287 St Andrews Hosp Boothbay	50	0	0	0	0	0	0	50	0	0	0	0
288 St Andrews Hosp ND	50	0	0	0	0	0	0	50	0	0	0	0
289 St Francis Hosp Mt View	50	0	0	0	0	0	0	50	0	0	0	0
290 St Gabriels Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 290 institutions	650,409	397	0	10,144	4,775	2,305	110	627,485	0	1,679	3,374	140
291 St Joseph Hosp Del Norte	50	0	0	0	0	0	0	50	0	0	0	0
292 St Josephs Hosp Concordia	50	0	0	0	0	0	0	50	0	0	0	0
293 St Lukes Hosp Crosby	50	0	0	0	0	0	0	50	0	0	0	0
294 St Mary Hosp KS	50	0	0	0	0	0	0	50	0	0	0	0
295 Standish Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
296 Stanley Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
297 Sutter Cmty Hospitals	50	0	0	0	0	0	0	50	0	0	0	0
298 Thomas H Boyd Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
299 Tioga Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
300 Tri County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 300 institutions	650,909	397	0	10,144	4,775	2,305	110	627,985	0	1,679	3,374	140

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
301 Tri-County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
302 Trinity Hospital	50	0	0	0	0	0	0	50	0	0	0	0
303 Troy Community Hospital	50	0	0	0	0	0	0	50	0	0	0	0
304 Tweeten Lutheran Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0	0
305 Twin Lakes Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
306 Upper Court Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
307 Valley County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
308 Valley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
309 Van Buren Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
310 Virginia Gay Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 310 institutions	651,409	397	0	10,144	4,775	2,305	110	628,485	0	1,679	3,374	140
311 W Carroll Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
312 W River Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
313 Waldo Co General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
314 Wishek Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
315 Wm Bee Ririe Hospital	50	0	0	0	0	0	0	50	0	0	0	0
316 Wm Newton Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
317 Woodward Hospital	50	0	0	0	0	0	0	50	0	0	0	0
318 Zumbrota Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
319 Canton Potsdam Hospital	49	0	0	0	0	0	0	49	0	0	0	0
320 Central Community Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Total 1st 320 institutions	651,907	397	0	10,144	4,775	2,305	110	628,983	0	1,679	3,374	140
321 Clearwater Valley Hosp	49	0	0	0	0	0	0	49	0	0	0	0
322 Cleveland Area Hosp	49	0	0	0	0	0	0	49	0	0	0	0
323 Cmty Memorial Hosp Sidney	49	0	0	0	0	0	0	49	0	0	0	0
324 Delaware Valley Hosp	49	0	0	0	0	0	0	49	0	0	0	0
325 Eureka Cmty Bnvlt Hosp	49	0	0	0	0	0	0	49	0	0	0	0
326 Holy Infant Hospital	49	0	0	0	0	0	0	49	0	0	0	0
327 Lemmon Area Med Assoc	49	0	0	0	0	0	0	49	0	0	0	0
328 Mendocino Coast Dist Hosp	49	0	0	0	0	0	0	49	0	0	0	0
329 Preston Memorial Hosp	49	0	0	0	0	0	0	49	0	0	0	0
330 Sauk Prairie Mem Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Total 1st 330 institutions	652,397	397	0	10,144	4,775	2,305	110	629,473	0	1,679	3,374	140
331 Cmty Hosp Anaconda	48	0	0	0	0	0	0	48	0	0	0	0
332 Sheridan Memorial Hosp	48	0	0	0	0	0	0	48	0	0	0	0
333 Socorro General Hospital	48	0	0	0	0	0	0	48	0	0	0	0
334 Sterling Reg Med Ctr	48	0	0	0	0	0	0	48	0	0	0	0
335 Berea Hosp	47	0	0	0	0	0	0	47	0	0	0	0
336 Deuel Co Memorial Hosp	47	0	0	0	0	0	0	47	0	0	0	0
337 Jacobson Mem Hosp	47	0	0	0	0	0	0	47	0	0	0	0
338 Redwood Memorial Hosp	47	0	0	0	0	0	0	47	0	0	0	0
339 St Lukes Hosp United Meth	47	0	0	0	0	0	0	47	0	0	0	0
340 Cmty Mem Hospital KS	45	0	0	0	0	0	0	45	0	0	0	0
Total 1st 340 institutions	652,869	397	0	10,144	4,775	2,305	110	629,945	0	1,679	3,374	140
341 Weeks Memorial Hospital	45	0	0	0	0	0	0	45	0	0	0	0
342 St Benedict Hospital	44	0	0	0	0	0	0	44	0	0	0	0
343 Bath County Cmty Hosp	43	0	0	0	0	0	0	43	0	0	0	0
344 Muhlenburg Cmty Hosp	42	0	0	0	0	0	0	42	0	0	0	0
345 Cambridge Memorial Hosp	41	0	0	0	0	0	0	41	0	0	0	0
346 Churchill Cmty Hosp	40	0	0	0	0	0	0	40	0	0	0	0
347 Cmty Gen Hosp Sullivan	40	0	0	0	0	0	0	40	0	0	0	0
348 White Mountain Cmty Hosp	40	0	0	0	0	0	0	40	0	0	0	0
349 Southeast Arizona Med Ctr	38	0	0	0	0	0	0	38	0	0	0	0
350 Mercy Hospital IA	37	0	0	0	0	0	0	37	0	0	0	0
Total 1st 350 institutions	653,279	397	0	10,144	4,775	2,305	110	630,355	0	1,679	3,374	140

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
351 Sturgis Cmty Hlth Care	36	0	0	0	0	0	0	36	0	0	0	0
352 McCone Co Maf & Nursg	35	0	0	0	0	0	0	35	0	0	0	0
353 Emanuel Hospital	34	0	0	0	0	0	0	34	0	0	0	0
354 Mercy Hospital & Med Ctr	33	0	0	0	0	0	0	33	0	0	0	0
355 North Valley Hospital	31	0	0	0	0	0	0	31	0	0	0	0
356 Lenox Hill Hospital	30	0	0	0	0	0	0	30	0	0	0	0
357 Lake Ozarks Gen Hosp	29	0	0	0	0	0	0	29	0	0	0	0
358 Dahl Memorial Hospital	26	0	0	0	0	0	0	26	0	0	0	0
359 Antelope Memorial Hosp	25	0	0	0	0	0	0	25	0	0	0	0
360 Cherry County Hosp	25	0	0	0	0	0	0	25	0	0	0	0
Total 1st 360 institutions	653,583	397	0	10,144	4,775	2,305	110	630,659	0	1,679	3,374	140
361 Lundberg Memorial Hosp	25	0	0	0	0	0	0	25	0	0	0	0
362 Niobrara Valley Hosp	25	0	0	0	0	0	0	25	0	0	0	0
363 St Anthonys Hospital	25	0	0	0	0	0	0	25	0	0	0	0
364 W Holt Memorial Hospital	25	0	0	0	0	0	0	25	0	0	0	0
365 Baptist Hospital Winner	16	0	0	0	0	0	0	16	0	0	0	0
366 Cmty Mem Hospital SD	16	0	0	0	0	0	0	16	0	0	0	0
367 Dakota Hospital	16	0	0	0	0	0	0	16	0	0	0	0
368 Freeman Community Hosp	16	0	0	0	0	0	0	16	0	0	0	0
369 L Jungman Mem Hospital	16	0	0	0	0	0	0	16	0	0	0	0
370 St Michaels Hospital	16	0	0	0	0	0	0	16	0	0	0	0
Total 1st 370 institutions	653,779	397	0	10,144	4,775	2,305	110	630,855	0	1,679	3,374	140
371 Wagner Cmty Memorial Hosp	16	0	0	0	0	0	0	16	0	0	0	0
372 Gordon Memorial Hospital	15	0	0	0	0	0	0	15	0	0	0	0
373 Johnson Co Memorial Hosp	15	0	0	0	0	0	0	15	0	0	0	0
374 Hillsboro Cmty Hospital	14	0	0	0	0	0	0	14	0	0	0	0
375 Frances Mahon Dcnes Hosp	11	0	0	0	0	0	0	11	0	0	0	0
376 Phillips County Hospital	2	0	0	0	0	0	0	2	0	0	0	0
377 Stillwater Community Hosp	2	0	0	0	0	0	0	2	0	0	0	0
Total 1st 377 institutions	653,854	397	0	10,144	4,775	2,305	110	630,930	0	1,679	3,374	140

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	509,277	8,809	441	96,193	16,140	77,804	9,839	80,746	1,855	115,616	83,187	18,647
1 Natl Academy of Sciences	75,895	100	0	12,970	1,480	24,265	2,641	2,647	597	15,798	11,691	3,706
2 Assc U Rsch & Astronomy	54,816	0	0	20	0	0	0	0	0	54,796	0	0
3 Universities Space Rsch	31,883	0	0	1,590	0	0	0	0	0	30,181	112	0
4 Waste Policy Institute	20,300	0	0	0	0	20,300	0	0	0	0	0	0
5 Natl Marrow Donor Program	20,202	0	0	20,202	0	0	0	0	0	0	0	0
6 Focus Hope	18,671	0	0	18,671	0	0	0	0	0	0	0	0
7 SC Research Authority	18,219	0	0	17,969	0	250	0	0	0	0	0	0
8 Natl Jewish Ctr Immunolgy	14,142	0	0	0	0	0	0	14,112	0	0	30	0
9 Merit Network Inc	13,407	0	0	0	0	0	0	0	0	0	13,407	0
10 American Iron Steel Inst	12,183	0	0	0	0	12,183	0	0	0	0	0	0
Total 1st 10 institutions	279,718	100	0	71,422	1,480	56,998	2,641	16,759	597	100,775	25,240	3,706
11 Bernice P Bishop Museum	10,000	0	0	0	0	10,000	0	0	0	0	0	0
12 Am Soc Engineering Ed	9,288	0	0	9,288	0	0	0	0	0	0	0	0
13 Joslin Diabetes Fdn Inc	7,955	0	0	0	0	0	0	7,870	0	0	85	0
14 Am Col of Radiology	7,243	0	0	0	0	0	0	7,243	0	0	0	0
15 Carnegie Inst Washington	6,368	205	0	204	0	97	0	2,169	0	1,302	2,391	0
16 NY Botanical Garden NY	5,916	3,686	0	52	0	0	0	0	0	0	2,178	0
17 Assc American Railroads	5,671	0	0	0	0	0	0	0	0	0	0	5,671
18 SE Ctr Elec Eng Ed	5,230	0	0	5,230	0	0	0	0	0	0	0	0
19 Jay David Gladstone Fdn	5,225	0	0	0	0	0	0	5,225	0	0	0	0
20 Assc Western U Inc	4,615	0	0	0	0	4,615	0	0	0	0	0	0
Total 1st 20 institutions	347,229	3,991	0	86,196	1,480	71,710	2,641	39,266	597	102,077	29,894	9,377
21 Milwaukee Blood Center	3,996	0	0	0	0	0	0	3,996	0	0	0	0
22 KS Cosmosphere&Space	3,950	0	0	0	0	0	0	0	0	3,940	0	10
23 Western Cnsrtm Public Hlth	3,883	0	0	0	0	0	165	3,718	0	0	0	0
24 John B Pierce Fdn of CT	3,592	0	0	100	0	0	0	3,492	0	0	0	0
25 Field Museum Natural Hist	3,555	0	0	0	0	0	0	0	0	40	3,515	0
26 Kalamazoo Area Math & Sci	3,303	0	0	0	0	0	0	0	0	0	3,303	0
27 College Board	3,076	0	0	0	1,656	0	0	0	0	0	1,420	0
28 Exploratorium	2,994	0	0	0	0	102	0	0	0	0	2,892	0
29 Am Assc Advancment Sci	2,979	0	0	0	500	0	216	0	0	54	2,209	0
30 Natl Sci Teachers Assc	2,844	0	0	0	0	0	0	0	0	1,275	1,569	0
Total 1st 30 institutions	381,401	3,991	0	86,296	3,636	71,812	3,022	50,472	597	107,386	44,802	9,387
31 Issaquah Grp Hlth & Env	2,748	0	0	0	0	0	0	2,609	0	0	139	0
32 Natl Hemophilia Fdn	2,598	0	0	0	0	0	0	2,598	0	0	0	0
33 Population Council	2,583	0	0	0	0	0	0	2,583	0	0	0	0
34 Am Type Culture Col	2,561	0	0	0	0	248	45	2,167	0	0	101	0
35 Cleveland Adv Manu Prg	2,414	0	0	2,414	0	0	0	0	0	0	0	0
36 NAFEO	2,400	0	0	0	0	0	0	0	0	0	0	2,400
37 Isee Foundation	2,046	0	0	0	0	0	0	0	0	0	2,046	0
38 Educational Testing Srvc	2,022	0	0	67	383	0	0	0	0	0	772	800
39 Acad Ed Development Inc	1,985	0	0	0	0	0	0	0	0	0	0	1,985
40 Doheny Eye Institute	1,814	0	0	0	0	0	0	1,814	0	0	0	0
Total 1st 40 institutions	404,572	3,991	0	88,777	4,019	72,060	3,067	62,243	597	107,386	47,860	14,572
41 Qualty Ed for Minor Netwk	1,788	0	0	0	0	0	0	0	0	728	1,060	0
42 Assc Natl Person Mayor	1,741	0	0	0	0	0	1,541	200	0	0	0	0
43 Am Dental Assc for Hlth	1,663	0	0	13	0	0	0	1,650	0	0	0	0
44 Natl Acad Public Admin	1,542	0	0	0	0	0	0	0	0	600	0	942
45 Am Statistical Assc	1,519	0	0	0	0	40	0	0	0	0	1,479	0
46 WV High Tech Cnsrtm	1,500	0	0	1,500	0	0	0	0	0	0	0	0
47 Am Meteorological Soc	1,446	0	0	0	0	0	0	0	0	0	1,446	0
48 Ctr Tech Commercializatn	1,415	0	0	0	0	0	0	0	0	1,415	0	0
49 National History Day Inc	1,401	0	0	0	0	0	0	0	0	0	1,401	0
50 Biol Sci Curriculm Study	1,392	0	0	0	0	159	0	0	0	0	1,233	0
Total 1st 50 institutions	419,979	3,991	0	90,290	4,019	72,259	4,608	64,093	597	110,129	54,479	15,514

See explanatory information, if any, and SOURCE at end of table.

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 CO Women in Architecture	1,379	0	0	0	0	0	0	0	0	0	1,379	0
52 Council Adv Sci Writing	1,341	0	0	0	0	0	0	0	0	0	1,341	0
53 NC Reg Educational Lab	1,327	0	0	0	1,327	0	0	0	0	0	0	0
54 Am Col Testing Program	1,322	0	0	9	1,313	0	0	0	0	0	0	0
55 American Chemical Society	1,296	0	0	3	0	290	0	0	0	0	1,003	0
56 Pacific Region Ed Lab	1,295	0	0	0	1,295	0	0	0	0	0	0	0
57 Natl Caucus Ctr Black Age	1,247	0	0	0	0	0	972	275	0	0	0	0
58 Brooklyn Childrens Museum	1,236	0	0	0	0	0	0	0	0	0	1,236	0
59 United Cerebral Palsy	1,220	0	0	0	1,220	0	0	0	0	0	0	0
60 Spring & Groundwater Inst	1,211	1,211	0	0	0	0	0	0	0	0	0	0
Total 1st 60 institutions	432,853	5,202	0	90,302	9,174	72,549	5,580	64,368	597	110,129	59,438	15,514
61 Science Museums Charlotte	1,200	0	0	0	0	0	0	0	0	0	1,200	0
62 Network Inc	1,196	0	0	0	201	344	0	0	0	0	651	0
63 Houston Advanced Research	1,127	0	0	632	0	25	25	0	0	445	0	0
64 Am Assc Retired Persons	1,122	0	0	0	0	0	597	525	0	0	0	0
65 Universities Rsch Assc	1,110	0	0	0	0	179	0	0	0	280	103	548
66 Am Assc Physics Teachers	1,105	0	0	0	0	0	0	0	0	0	1,105	0
67 National Gardening Assc	1,089	0	0	0	0	0	0	0	0	0	1,089	0
68 Societal Inst of Math Sci	1,040	0	0	0	0	0	150	890	0	0	0	0
69 Natl Assc St Units Aging	1,007	0	0	0	0	0	0	1,007	0	0	0	0
70 Mississippi Resource Dev	1,000	0	0	1,000	0	0	0	0	0	0	0	0
Total 1st 70 institutions	443,849	5,202	0	91,934	9,375	73,097	6,352	66,790	597	110,854	63,586	16,062
71 Natl Assc Home Builders	1,000	0	0	0	0	0	0	0	0	0	0	1,000
72 Acad Natural Sci Phila	995	0	0	0	0	0	261	0	0	0	734	0
73 Natl Ctr Res Innovations	955	955	0	0	0	0	0	0	0	0	0	0
74 Hawaii Sugar Planters	922	922	0	0	0	0	0	0	0	0	0	0
75 Am Museum of Natl Hist	869	5	0	0	0	39	0	0	0	255	570	0
76 WGBH Educational Fdn	868	0	0	0	0	250	0	0	0	300	318	0
77 Museum of Science	866	0	0	0	0	0	0	0	0	0	866	0
78 Inst of Gas Technology	852	0	0	115	0	737	0	0	0	0	0	0
79 University Rsch Fdn	851	0	0	851	0	0	0	0	0	0	0	0
80 WI Acad Sci Arts & Letter	824	0	0	0	0	0	0	0	0	0	824	0
Total 1st 80 institutions	452,851	7,084	0	92,900	9,375	74,123	6,613	66,790	597	111,409	66,898	17,062
81 National Public Radio	818	0	0	0	0	0	0	0	0	0	818	0
82 N E Consrtm Eng Ed	809	0	0	809	0	0	0	0	0	0	0	0
83 Matrix Research Institute	781	0	0	0	781	0	0	0	0	0	0	0
84 Am Acad of Pediatrics	766	0	0	0	0	0	0	762	0	0	0	4
85 Human Relations Area File	750	0	0	0	0	0	0	0	0	0	750	0
86 Am Indian Sci & Eng Soc	725	0	0	0	0	0	0	0	0	111	614	0
87 Missouri Botanical Garden	704	0	0	0	0	0	0	140	0	0	564	0
88 American Inst Physics	695	0	0	21	0	0	0	0	0	0	674	0
89 Cncl Great Lakes Governor	694	0	0	0	0	694	0	0	0	0	0	0
90 American Tech Initiative	686	0	0	0	0	0	0	0	0	686	0	0
Total 1st 90 institutions	460,279	7,084	0	93,730	10,156	74,817	6,613	67,692	597	112,206	70,318	17,066
91 Cmty Trans Assc of Am	669	0	0	0	0	0	0	669	0	0	0	0
92 Fed Am Soc Exper Biol	654	355	0	295	0	4	0	0	0	0	0	0
93 St Louis Science Ctr	653	0	0	0	0	0	0	0	0	0	653	0
94 National Governors Assc	645	0	0	0	45	0	473	0	0	0	0	127
95 Am Assoc Card&Pulm Rehab	640	0	0	0	0	0	0	637	0	0	0	3
96 Lexington Center Inc	624	0	0	0	624	0	0	0	0	0	0	0
97 Emma Pendleton Bradley	621	0	0	0	0	0	0	621	0	0	0	0
98 American Bar Foundation	615	0	0	0	0	0	0	200	0	0	415	0
99 Puget Sound Blood Center	615	0	0	0	0	0	0	615	0	0	0	0
100 Nebraskans for Public TV	600	0	0	0	0	0	0	0	0	0	600	0
Total 1st 100 institutions	466,615	7,439	0	94,025	10,825	74,821	7,086	70,434	597	112,206	71,986	17,196

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Materials Research Soc	592	0	0	92	0	0	0	0	0	500	0	0
102 Fdn for Advance Sci & Ed	575	0	0	0	0	575	0	0	0	0	0	0
103 Thresholds	573	0	0	0	573	0	0	0	0	0	0	0
104 Harbor Branch Ocean Inst	562	0	0	50	0	0	0	221	0	0	291	0
105 Compstng Cncl Rsch&Ed Fdn	550	550	0	0	0	0	0	0	0	0	0	0
106 Natl Collegiate Athletic	550	0	0	0	0	550	0	0	0	0	0	0
107 Environmental Careers Org	545	0	0	0	0	0	0	0	545	0	0	0
108 Huntsville Madison C C C	543	0	0	0	0	0	0	0	0	0	543	0
109 Triangle Coaltn Sci&Tech	538	0	0	0	469	17	0	0	0	52	0	0
110 Through the Looking Glass	525	0	0	0	525	0	0	0	0	0	0	0
Total 1st 110 institutions	472,168	7,989	0	94,167	12,392	75,963	7,086	70,655	1,142	112,758	72,820	17,196
111 Natl Ctzn Cltn Nrsg Hm Rf	500	0	0	0	0	0	0	500	0	0	0	0
112 Alton Ochsner Med Fdn	499	0	0	0	0	0	0	499	0	0	0	0
113 Museum of Sci & Industry	495	0	0	0	0	0	0	0	0	0	495	0
114 Displaced Homemaker Netwk	485	0	0	0	0	0	0	0	0	0	0	485
115 US Space Foundation	480	0	0	0	0	0	0	0	0	480	0	0
116 Families United Sr Action	460	0	0	0	0	0	0	460	0	0	0	0
117 Soc Automotive Engineers	444	0	0	90	0	0	0	0	0	0	83	271
118 Am Mathematical Society	438	0	0	0	0	20	0	0	0	0	418	0
119 Natl Assc Nutrit & Aging	430	0	0	0	0	0	0	430	0	0	0	0
120 Natl Radiatn Protect Meas	422	0	0	85	0	165	0	50	0	122	0	0
Total 1st 120 institutions	476,821	7,989	0	94,342	12,392	76,148	7,086	72,594	1,142	113,360	73,816	17,952
121 World Inst Disabil Rsch	421	0	0	0	421	0	0	0	0	0	0	0
122 Washington Bus Group Hlth	419	0	0	0	119	0	0	300	0	0	0	0
123 Zoological Soc of Phila	411	0	0	0	0	0	0	0	0	0	411	0
124 Natl Assc Bio Teacher VA	410	0	0	0	0	0	0	0	0	0	410	0
125 Natl Safety Council	400	0	0	0	0	0	400	0	0	0	0	0
126 Three Feathers Associates	400	0	0	0	0	0	0	400	0	0	0	0
127 Pacer Center	396	0	0	0	104	0	0	292	0	0	0	0
128 Inst Space Sci & Tech	394	0	0	289	0	0	0	0	0	105	0	0
129 Independent Ctr N VA	390	0	0	0	390	0	0	0	0	0	0	0
130 Natl Assc Rsch Sci Tech	385	0	0	0	0	0	0	0	0	0	385	0
Total 1st 130 institutions	480,847	7,989	0	94,631	13,426	76,148	7,486	73,586	1,142	113,465	75,022	17,952
131 Dosecc Inc	375	0	0	0	0	0	0	0	0	0	375	0
132 Windstar Foundation	375	0	0	0	0	0	0	0	0	375	0	0
133 Somerset Co Bus Ed Partn	370	0	0	0	0	0	0	0	0	0	370	0
134 Natl Council on Aging	365	0	0	0	0	0	115	250	0	0	0	0
135 VA Air & Space Ctr	360	0	0	0	0	0	0	0	0	360	0	0
136 Oregon Museum Sci Indstry	354	0	0	0	0	0	0	0	0	0	354	0
137 Living at Home	351	0	0	0	0	0	0	351	0	0	0	0
138 Am Public Welfare Assc	350	0	0	0	0	0	0	350	0	0	0	0
139 Childrens Museum Boston	348	0	0	0	0	0	0	0	0	0	348	0
140 Girls Clubs of America	348	0	0	0	0	0	0	0	0	0	348	0
Total 1st 140 institutions	484,443	7,989	0	94,631	13,426	76,148	7,601	74,537	1,142	114,200	76,817	17,952
141 Monroe Co Long Term Care	346	0	0	0	0	0	0	346	0	0	0	0
142 Chicago Horticultural Soc	344	0	0	0	0	0	0	0	0	0	344	0
143 Natl Ctr Disability Svc	330	0	0	0	330	0	0	0	0	0	0	0
144 World Wildlife Fund US	330	0	0	0	0	0	330	0	0	0	0	0
145 Pension Rights Center	320	0	0	0	0	0	0	320	0	0	0	0
146 Gordon Rsch Conferences	311	49	0	139	0	12	0	0	0	105	6	0
147 JASON Fdn for Education	309	0	0	0	249	0	0	0	0	60	0	0
148 Natl Hispanic Cncl Aging	305	0	0	0	0	0	0	305	0	0	0	0
149 Am Acad of Arts & Sci	303	0	0	0	0	0	0	0	0	0	303	0
150 Am Wtr Wrks Assn Rsch Fdn	300	0	0	0	0	0	0	0	300	0	0	0
Total 1st 150 institutions	487,641	8,038	0	94,770	14,005	76,160	7,931	75,508	1,442	114,365	77,470	17,952

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Environmentl Defense Fund	290	0	0	0	0	0	290	0	0	0	0	0
152 Natl Cncl Negro Women	289	0	0	0	0	0	0	289	0	0	0	0
153 Natl Aquarium Baltimore	286	0	0	0	0	0	0	0	0	0	286	0
154 U Assc Rsch & Ed Pathol	284	0	0	0	0	0	0	284	0	0	0	0
155 People to People Hlth Fdn	279	0	0	0	0	0	0	279	0	0	0	0
156 Metro Pittsbgh Pub Broadc	278	0	0	0	0	0	0	0	0	0	278	0
157 Kaiser Foundation	275	0	0	0	0	0	0	275	0	0	0	0
158 Chesapeake Rsch Cnsrtm	272	0	0	0	0	0	0	0	0	0	272	0
159 Life Science Rsch Fdn	261	0	0	0	0	261	0	0	0	0	0	0
160 Optical Soc of America	257	0	54	203	0	0	0	0	0	0	0	0
Total 1st 160 institutions	490,412	8,038	54	94,973	14,005	76,421	8,221	76,635	1,442	114,365	78,306	17,952
161 Am Astronomical Society	256	0	0	0	0	0	0	0	0	141	115	0
162 Aerial Forest Mgt Fdn	255	255	0	0	0	0	0	0	0	0	0	0
163 Ctr Social Gerontology	250	0	0	0	0	0	0	250	0	0	0	0
164 Natl Cncl Independ Living	250	0	0	0	250	0	0	0	0	0	0	0
165 Natl Indian Cncl Aging	250	0	0	0	0	0	0	250	0	0	0	0
166 Am Foundation for Blind	248	0	0	0	248	0	0	0	0	0	0	0
167 Ctr Post Soviet Studies	247	0	0	0	0	0	0	0	0	243	0	4
168 Transcen Inc	241	0	0	0	0	0	0	241	0	0	0	0
169 Environmental Law Inst	240	0	0	0	0	0	240	0	0	0	0	0
170 Natl Assc of Counties	240	0	0	0	0	0	240	0	0	0	0	0
Total 1st 170 institutions	492,889	8,293	54	94,973	14,503	76,421	8,701	77,376	1,442	114,749	78,421	17,956
171 Keystone Center	232	0	0	232	0	0	0	0	0	0	0	0
172 New England Aquarium Corp	231	0	200	0	0	0	20	0	0	0	11	0
173 American Geophysicl Union	230	0	0	33	0	0	0	0	0	0	197	0
174 League of Women Voters	226	0	0	0	0	156	70	0	0	0	0	0
175 World Resources Institute	220	0	0	0	0	0	220	0	0	0	0	0
176 NY Botan Gard Inst Ecosys	219	42	0	0	0	0	0	0	107	70	0	0
177 Am Soc Microbiology	216	0	0	5	0	0	150	0	0	6	55	0
178 Electric Power Research	215	0	0	0	0	0	0	0	215	0	0	0
179 Natl Asian Pac Ctr Aging	212	0	0	0	0	0	0	212	0	0	0	0
180 Am Educational Rsch Assc	211	0	0	0	0	0	0	0	0	0	211	0
Total 1st 180 institutions	495,101	8,335	254	95,243	14,503	76,577	9,161	77,588	1,764	114,825	78,895	17,956
181 Jenkins Mem Chld Ctr	206	0	0	0	0	0	0	206	0	0	0	0
182 Memorial Cancer Rsch Fdn	205	0	0	0	0	0	0	205	0	0	0	0
183 Sea Education Association	202	0	0	0	0	0	0	0	0	0	202	0
184 Intl City Mgt Assc	201	0	0	0	0	0	201	0	0	0	0	0
185 Child Welfare League Am	200	0	0	0	0	0	0	200	0	0	0	0
186 Natl Sr Citizen Law Ctr	200	0	0	0	0	0	0	200	0	0	0	0
187 Council Biology Editors	196	0	0	0	0	0	0	0	0	0	196	0
188 Multiple Handicapped Ctr	195	0	0	0	195	0	0	0	0	0	0	0
189 Greater Erie Cmty Action	190	0	0	0	190	0	0	0	0	0	0	0
190 Am Cncl Learned Societies	188	0	0	0	0	0	0	0	0	0	188	0
Total 1st 190 institutions	497,084	8,335	254	95,243	14,888	76,577	9,362	78,399	1,764	114,825	79,481	17,956
191 Am Physical Society	188	0	0	0	0	0	0	0	0	0	188	0
192 Radiation Rsch Soc VA	185	0	0	0	0	185	0	0	0	0	0	0
193 W Interstate Comm Hi Ed	183	0	0	0	0	183	0	0	0	0	0	0
194 Herbert H&Grace A Dow Fdn	180	180	0	0	0	0	0	0	0	0	0	0
195 Assc Am Geographers	176	0	0	0	0	0	0	0	0	0	176	0
196 Am Assc of Engineers	175	0	0	0	0	0	0	0	0	0	175	0
197 Natl Assc Minor Contract	175	0	0	0	0	0	175	0	0	0	0	0
198 Cncl Early Child Pro Rec	169	0	0	169	0	0	0	0	0	0	0	0
199 W PA Sch Blind Children	168	0	0	0	168	0	0	0	0	0	0	0
200 Intst Shellfish Sanitatio	165	0	0	0	0	0	0	165	0	0	0	0
Total 1st 200 institutions	498,848	8,515	254	95,412	15,056	76,945	9,537	78,564	1,764	114,825	80,020	17,956

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 New York Blood Center	165	0	0	165	0	0	0	0	0	0	0	0
202 Hispanic Assc Col & U	161	0	0	0	0	161	0	0	0	0	0	0
203 Am Assc Cmty & Jr Col	159	0	0	0	0	0	0	0	0	0	159	0
204 Iowa Oncology Rsch Assc	153	0	0	0	0	0	0	153	0	0	0	0
205 Cncl Chief St Schl Offcrs	150	0	0	0	0	0	0	0	0	0	150	0
206 Inst Manu & Auto Rsch	150	0	150	0	0	0	0	0	0	0	0	0
207 Light House	150	0	0	0	150	0	0	0	0	0	0	0
208 Father Flanagan Boys Home	149	0	0	0	0	0	0	149	0	0	0	0
209 Acadia Institute	147	0	0	0	0	0	0	0	0	0	147	0
210 Cleveland Ed Fund	147	0	0	0	0	0	0	0	0	0	147	0
Total 1st 210 institutions	500,379	8,515	404	95,577	15,206	77,106	9,537	78,866	1,764	114,825	80,623	17,956
211 TriSt Ed Initiativ Cnstrm	146	0	0	0	0	0	0	0	0	146	0	0
212 Lovelace Biomed Environ	142	0	0	0	0	50	92	0	0	0	0	0
213 Social Science Rsch Cncl	137	0	0	0	0	0	0	0	0	0	112	25
214 Alliance to Save Energy	133	0	0	0	0	133	0	0	0	0	0	0
215 Challngr Ctr Space Sci Ed	130	0	0	0	0	0	0	0	0	0	130	0
216 Princeton U Press	129	0	0	0	0	0	0	0	0	0	129	0
217 Am Speech Lang&Hearng	124	0	0	0	124	0	0	0	0	0	0	0
218 Epilepsy Fdn America	124	0	0	0	124	0	0	0	0	0	0	0
219 Geological Soc of America	122	0	0	0	0	0	0	0	23	0	99	0
220 Gerontological Soc Am	122	0	0	0	0	0	0	122	0	0	0	0
Total 1st 220 institutions	501,688	8,515	404	95,577	15,454	77,289	9,629	78,988	1,787	114,971	81,093	17,981
221 Assc Women Mathematics	115	0	0	34	0	0	0	0	0	0	81	0
222 Homer Soc of Natl History	115	0	0	0	0	0	0	50	0	0	65	0
223 Discovery Ctr Sci & Tech	112	0	0	0	0	0	0	0	0	0	112	0
224 Entomological Soc of Am	112	0	0	0	0	0	0	0	0	0	112	0
225 Focus Inc	109	0	0	0	109	0	0	0	0	0	0	0
226 Older Womens League DC	103	0	0	0	0	0	0	100	0	0	0	3
227 Visiting Nurse Svc NY	103	0	0	0	0	0	0	103	0	0	0	0
228 Am Printing House Blind	102	0	0	0	102	0	0	0	0	0	0	0
229 SE Cnstrm Minorities Eng	102	0	0	0	0	0	0	0	0	102	0	0
230 All End Child Lead Poison	100	0	0	0	0	0	0	0	0	0	0	100
Total 1st 230 institutions	502,761	8,515	404	95,611	15,665	77,289	9,629	79,241	1,787	115,073	81,463	18,084
231 Ctr for Social&Legal Rsch	100	0	0	0	0	100	0	0	0	0	0	0
232 Easter Seal Soc Dsbid	100	0	0	0	0	0	0	100	0	0	0	0
233 Intl Ctr for the Disabled	100	0	0	0	100	0	0	0	0	0	0	0
234 Save Our Security Ed Fund	100	0	0	0	0	0	0	100	0	0	0	0
235 Time Dollar Network	100	0	0	0	0	0	0	100	0	0	0	0
236 H Keller Natl Ctr Deaf	99	0	0	0	99	0	0	0	0	0	0	0
237 KCET/Cmty TV Southern CA	98	0	0	0	0	0	0	0	0	0	98	0
238 Natl Cnsrtm Grad Eng Min	98	0	0	0	0	0	0	0	0	98	0	0
239 Sunshine Terrace Fdn	98	0	0	0	0	0	0	98	0	0	0	0
240 Chicago Zoological Soc	97	0	0	0	0	0	0	0	0	0	97	0
Total 1st 240 institutions	503,751	8,515	404	95,611	15,864	77,389	9,629	79,639	1,787	115,171	81,658	18,084
241 Mortgage Bankers Assc	96	0	0	0	0	0	0	0	0	0	0	96
242 Fdn Glacier Environ Rsch	95	0	0	0	0	0	0	0	0	0	95	0
243 Action Boston Cmty Dvlpmt	94	0	0	0	0	0	0	94	0	0	0	0
244 Family Rsch on Disability	94	0	0	0	94	0	0	0	0	0	0	0
245 Oceanic Society	93	0	0	93	0	0	0	0	0	0	0	0
246 Utah Parent Ctr ETC	92	0	0	0	92	0	0	0	0	0	0	0
247 Bazelon Ctr Mntl Hlth Law	90	0	0	0	0	0	0	90	0	0	0	0
248 Natl Clrnghse Legal Svcs	90	0	0	0	0	0	0	90	0	0	0	0
249 Washington PAVE	90	0	0	0	90	0	0	0	0	0	0	0
250 Hands On Sci Outreach	86	0	0	0	0	86	0	0	0	0	0	0
Total 1st 250 institutions	504,671	8,515	404	95,704	16,140	77,475	9,629	79,913	1,787	115,171	81,753	18,180

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Nonprofit Initiative Inc	86	0	0	0	0	0	0	0	0	86	0	0
252 Consortium Intl Dev	84	0	0	0	0	0	0	0	0	0	0	84
253 Acoustical Soc America	80	0	0	80	0	0	0	0	0	0	0	0
254 Cmty Training & Dev Corp	80	0	0	0	0	0	0	80	0	0	0	0
255 American Foundrymen Soc	79	0	0	0	0	79	0	0	0	0	0	0
256 Cincinnati Mus Natr Hist	78	0	0	0	0	0	0	0	0	0	78	0
257 L A City Mus Natr Hist	78	0	0	0	0	0	0	0	0	0	78	0
258 American Inst Architects	77	0	0	7	0	0	0	0	0	0	70	0
259 Audubon Zoological Garden	76	0	0	0	0	0	0	0	0	0	76	0
260 Natl Audobon Society	76	0	0	0	0	0	76	0	0	0	0	0
Total 1st 260 institutions	505,465	8,515	404	95,791	16,140	77,554	9,705	79,993	1,787	115,257	82,055	18,264
261 Womens Res Ctr Sarasota	76	0	0	0	0	0	0	0	0	0	76	0
262 CA Advocates Nrsg Hm Ref	75	0	0	0	0	0	0	75	0	0	0	0
263 Care-A-Van	75	0	0	0	0	0	0	75	0	0	0	0
264 Legal Services for NYC	75	0	0	0	0	0	0	75	0	0	0	0
265 Natl Consumer Law Inc	75	0	0	0	0	0	0	75	0	0	0	0
266 Detroit Area Pre Col Eng	74	0	0	0	0	0	0	0	0	0	74	0
267 Marine Science Cnsrtm	73	0	0	0	0	0	0	0	0	0	73	0
268 Networking Together Inc	73	0	0	0	0	0	0	0	0	0	73	0
269 The Ctr for Democracy	72	0	0	0	0	0	0	0	0	0	0	72
270 Defenders of Wildlife Inc	70	0	0	70	0	0	0	0	0	0	0	0
Total 1st 270 institutions	506,203	8,515	404	95,861	16,140	77,554	9,705	80,293	1,787	115,257	82,351	18,336
271 Forest History Society	70	70	0	0	0	0	0	0	0	0	0	0
272 Inst of Elec Engineers	70	0	0	31	0	28	0	0	0	11	0	0
273 Natl Assc Conservation	70	0	0	0	0	0	70	0	0	0	0	0
274 San Diego Youth&Cmty Svc	70	0	0	0	0	0	0	70	0	0	0	0
275 Cncl Engy Resource Tribes	67	0	0	0	0	67	0	0	0	0	0	0
276 CA Academy of Sciences	65	0	0	0	0	0	0	0	0	0	65	0
277 Colorado Women of Color	64	0	0	0	0	0	0	0	0	0	64	0
278 NJ Bus Sci Ed Consortium	61	0	0	0	0	0	0	0	0	0	61	0
279 CA U Rsch Earthquake Eng	59	0	0	0	0	0	0	0	0	0	59	0
280 Am Assc Variable Star Obs	58	0	0	0	0	0	0	0	0	58	0	0
Total 1st 280 institutions	506,857	8,585	404	95,892	16,140	77,649	9,775	80,363	1,787	115,326	82,600	18,336
281 Illinois State Museum	54	0	0	0	0	0	0	0	54	0	0	0
282 Inc Rsch Insts Seismology	53	0	0	0	0	0	0	0	0	0	53	0
283 NM Museum of Natr Hist	53	0	0	0	0	0	0	0	0	0	42	11
284 Renew America	53	0	0	53	0	0	0	0	0	0	0	0
285 Assc Science Tech Ctrs	50	0	0	0	0	0	0	0	0	0	50	0
286 Catholic Charities USA	50	0	0	0	0	0	0	50	0	0	0	0
287 National 4 H Council	50	50	0	0	0	0	0	0	0	0	0	0
288 Natl Prevent Eldrly Abuse	50	0	0	0	0	0	0	50	0	0	0	0
289 Navajo Natl Health Fdn	50	0	0	0	0	0	0	50	0	0	0	0
290 Our Lady Lords Assc Fdn	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 290 institutions	507,370	8,635	404	95,945	16,140	77,649	9,775	80,563	1,841	115,326	82,745	18,347
291 Sand County Foundation	50	0	0	50	0	0	0	0	0	0	0	0
292 Southwest Health Ctr	50	0	0	0	0	0	0	50	0	0	0	0
293 Natl Actn Cncl Minorities	48	0	0	0	0	0	0	0	0	0	48	0
294 Young Astronaut Council	48	0	0	0	0	0	0	0	0	48	0	0
295 Soc Photo Optical Inst	44	0	0	0	0	0	0	0	0	0	44	0
296 Assc Rsch Vision Ophthal	42	0	0	0	0	0	0	42	0	0	0	0
297 Am Soc Quality Control	40	0	0	0	0	0	0	0	0	40	0	0
298 American Counseling Assc	40	0	0	0	0	0	0	0	0	40	0	0
299 American Historical Assc	40	0	0	0	0	0	0	0	0	40	0	0
300 United Engineering Trusts	38	0	0	18	0	10	10	0	0	0	0	0
Total 1st 300 institutions	507,810	8,635	404	96,013	16,140	77,659	9,785	80,655	1,841	115,494	82,837	18,347

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
301 American Society Aging	36	0	0	0	0	0	0	36	0	0	0	0
302 Assc Computing Machinery	36	0	0	0	0	0	0	0	0	0	36	0
303 Ed and Resources Group	36	0	0	0	0	0	0	0	0	0	36	0
304 Math Assc of America	36	0	0	36	0	0	0	0	0	0	0	0
305 CONEG Policy Rsch Ctr	35	0	0	0	0	0	0	0	0	0	0	35
306 Society of Toxicology	35	0	0	35	0	0	0	0	0	0	0	0
307 American Ceramic Society	34	0	25	9	0	0	0	0	0	0	0	0
308 Pacific GIS	32	32	0	0	0	0	0	0	0	0	0	0
309 Science Museum Minnesota	32	0	0	0	0	0	0	0	0	0	32	0
310 Ohios Ctr Sci & Industry	31	0	0	0	0	0	0	0	0	0	31	0
Total 1st 310 institutions	508,153	8,667	429	96,093	16,140	77,659	9,785	80,691	1,841	115,494	82,972	18,382
311 Openlands Project	31	31	0	0	0	0	0	0	0	0	0	0
312 Challengers Boys&Girls	30	0	0	0	0	0	0	0	0	30	0	0
313 East Asian Hist of Sci	30	0	0	0	0	0	0	0	0	0	30	0
314 Intl Space University	30	0	0	0	0	0	0	0	0	30	0	0
315 Menninger Foundation	30	0	0	0	0	0	0	30	0	0	0	0
316 New York Acad of Med	30	0	0	0	0	0	0	0	0	0	30	0
317 Sigma Xi Society	30	0	0	5	0	25	0	0	0	0	0	0
318 Am Soc Plant Physiology	29	0	0	0	0	29	0	0	0	0	0	0
319 Req&Tech Cncpts Aviation	28	0	0	0	0	0	0	0	0	28	0	0
320 Bicentennial Volunteers	26	26	0	0	0	0	0	0	0	0	0	0
Total 1st 320 institutions	508,447	8,724	429	96,098	16,140	77,713	9,785	80,721	1,841	115,582	83,032	18,382
321 Am Legislty Exchange Cncl	25	0	0	0	0	0	0	0	0	0	0	25
322 American Council on Ed	25	0	0	0	0	0	0	0	0	0	25	0
323 Assc Physical Sys Math	25	0	0	0	0	0	0	0	0	0	25	0
324 Climate Institute	25	0	0	0	0	0	25	0	0	0	0	0
325 Computer Pros Social Resp	25	0	0	0	0	0	0	0	0	0	25	0
326 Intl Cncl Radtn Protect	25	0	0	0	0	0	0	0	0	0	0	25
327 Ms. Fdn for Women	25	0	0	0	0	0	0	0	0	0	0	25
328 Org American Historians	25	0	0	25	0	0	0	0	0	0	0	0
329 Wmns Rsch & Ed Inst	25	0	0	0	0	0	0	0	0	0	0	25
330 Genitice Soc of America	23	0	0	0	0	23	0	0	0	0	0	0
Total 1st 330 institutions	508,695	8,724	429	96,123	16,140	77,736	9,810	80,721	1,841	115,582	83,107	18,482
331 Urban Land Institute	23	0	0	0	0	0	0	0	0	0	0	23
332 Am Soc Zoologists	20	0	0	0	0	0	0	0	0	0	20	0
333 Am Soc Testing Materials	19	0	0	0	0	0	19	0	0	0	0	0
334 Vietnam Veterans Workshop	19	0	0	0	0	0	0	19	0	0	0	0
335 Am Inst Indian Studies	18	0	0	0	0	0	0	0	0	0	18	0
336 American Nuclear Society	18	0	0	0	0	13	0	0	0	0	0	5
337 Conference Board Math Sci	16	0	0	0	0	0	0	0	0	0	16	0
338 Intl Soc Optical Eng	16	0	0	16	0	0	0	0	0	0	0	0
339 Telluride Academy	16	0	0	0	0	16	0	0	0	0	0	0
340 9to5 Working Women WI	15	0	0	0	0	0	0	0	0	0	0	15
Total 1st 340 institutions	508,875	8,724	429	96,139	16,140	77,765	9,829	80,740	1,841	115,582	83,161	18,525
341 Am Physiological Society	15	0	0	5	0	0	0	0	0	10	0	0
342 Bioelectromagnetics Soc	15	0	0	0	0	5	10	0	0	0	0	0
343 Chicago Acad of Sci	15	0	0	0	0	0	0	0	0	0	15	0
344 NY Academy of Science	15	0	0	0	0	5	0	0	0	10	0	0
345 Nucleic Acid Tech Fdn	15	15	0	0	0	0	0	0	0	0	0	0
346 Vibration Institute	15	0	0	15	0	0	0	0	0	0	0	0
347 Museum of New Mexico	14	14	0	0	0	0	0	0	0	0	0	0
348 Soc Advancement Chicanos	14	0	0	0	0	14	0	0	0	0	0	0
349 Assc Women Development	13	0	0	0	0	0	0	0	0	0	0	13
350 Financial Wmn Intl, Inc	13	0	0	0	0	0	0	0	0	0	0	13
Total 1st 350 institutions	509,019	8,753	429	96,159	16,140	77,789	9,839	80,740	1,841	115,602	83,176	18,551

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
351 Assc U Progs Hlth Admin	12	0	0	0	0	0	0	0	0	0	0	12
352 Natl Inst of Bldg Science	12	0	12	0	0	0	0	0	0	0	0	0
353 PA Horticultural Society	11	11	0	0	0	0	0	0	0	0	0	0
354 Civil Eng Research Fdn	10	0	0	10	0	0	0	0	0	0	0	0
355 Crow Valley Livestock	10	10	0	0	0	0	0	0	0	0	0	0
356 Girl Scouts of Del Co	10	10	0	0	0	0	0	0	0	0	0	0
357 Inst Elec & Electron Eng	10	0	0	10	0	0	0	0	0	0	0	0
358 Intl Assc Phys Sci Ocean	10	0	0	0	0	0	0	0	0	0	10	0
359 MS Action for Cmty Ed	10	0	0	0	0	0	0	0	0	0	0	10
360 Math Science Network	10	0	0	0	0	0	0	0	0	10	0	0
Total 1st 360 institutions	509,124	8,784	441	96,179	16,140	77,789	9,839	80,740	1,841	115,612	83,186	18,573
361 Metro Development Council	10	0	0	0	0	0	0	0	0	0	0	10
362 Military Ops Rsch Society	10	0	0	10	0	0	0	0	0	0	0	0
363 Mineralogical Soc of Am	10	0	0	0	0	10	0	0	0	0	0	0
364 Water Education Fdn	10	0	0	0	0	0	0	0	10	0	0	0
365 Natl Cnfc Black Mayor	8	0	0	0	0	0	0	0	0	0	0	8
366 N E Womens Center	7	0	0	0	0	0	0	0	0	0	0	7
367 Conservation Tillage Info	6	6	0	0	0	0	0	0	0	0	0	0
368 Center Plant Conservation	5	5	0	0	0	0	0	0	0	0	0	0
369 Mi Casa Res Ctr for Women	5	0	0	0	0	0	0	0	0	0	0	5
370 Pac Ctr Ethics&Appl Bio	5	0	0	0	0	5	0	0	0	0	0	0
Total 1st 370 institutions	509,200	8,795	441	96,189	16,140	77,804	9,839	80,740	1,851	115,612	83,186	18,603
371 World Forestry Center	5	5	0	0	0	0	0	0	0	0	0	0
372 YWCA Metro Denver	5	0	0	0	0	0	0	0	0	0	0	5
373 Am Ctr Intl Leadership	4	0	0	0	0	0	0	0	0	0	0	4
374 Boys&Girls Clubs Chicago	4	4	0	0	0	0	0	0	0	0	0	0
375 Denver Museum of Nat Hist	4	0	0	0	0	0	0	0	4	0	0	0
376 Deshong Museum	4	4	0	0	0	0	0	0	0	0	0	0
377 Mineral Metals Mat Soc	4	0	0	4	0	0	0	0	0	0	0	0
378 New Mexico Mesa Inc	4	0	0	0	0	0	0	0	0	4	0	0
379 Dorcas Place	3	0	0	0	0	0	0	0	0	0	0	3
380 Food & Drug Law Inst	3	0	0	0	0	0	0	3	0	0	0	0
Total 1st 380 institutions	509,240	8,808	441	96,193	16,140	77,804	9,839	80,743	1,855	115,616	83,186	18,615
381 Links, Inc	3	0	0	0	0	0	0	3	0	0	0	0
382 Albuquerque YWCA	2	0	0	0	0	0	0	0	0	0	0	2
383 New York Womens Agenda	2	0	0	0	0	0	0	0	0	0	0	2
384 Wmn in the Bldg Trades	2	0	0	0	0	0	0	0	0	0	0	2
385 Wmns Business Dvlpmt Ctr	2	0	0	0	0	0	0	0	0	0	0	2
386 Womens Project	2	0	0	0	0	0	0	0	0	0	0	2
387 YWCA Anchorage	2	0	0	0	0	0	0	0	0	0	0	2
388 YWCA Oahu	2	0	0	0	0	0	0	0	0	0	0	2
389 Accion International	1	0	0	0	0	0	0	0	0	0	0	1
390 Am Assc Museums	1	0	0	0	0	0	0	0	0	0	1	0
Total 1st 390 institutions	509,259	8,808	441	96,193	16,140	77,804	9,839	80,746	1,855	115,616	83,187	18,630
391 Am Phytopathological Soc	1	1	0	0	0	0	0	0	0	0	0	0
392 Big Sisters of Phila	1	0	0	0	0	0	0	0	0	0	0	1
393 CO Committee Womens Hist	1	0	0	0	0	0	0	0	0	0	0	1
394 CO Womens Chamber Comm	1	0	0	0	0	0	0	0	0	0	0	1
395 Cncl Ionizg Radn Meas&Std	1	0	0	0	0	0	0	0	0	0	0	1
396 Coal Employment Project	1	0	0	0	0	0	0	0	0	0	0	1
397 Everywoman Oppty Center	1	0	0	0	0	0	0	0	0	0	0	1
398 N New Eng Tradeswomen	1	0	0	0	0	0	0	0	0	0	0	1
399 NC Equity Inc	1	0	0	0	0	0	0	0	0	0	0	1
400 Natl Cncl Rsch on Women	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 400 institutions	509,269	8,809	441	96,193	16,140	77,804	9,839	80,746	1,855	115,616	83,187	18,639

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
401 Natl Conf PR Women Inc	1	0	0	0	0	0	0	0	0	0	0	1
402 Older Womens League MO	1	0	0	0	0	0	0	0	0	0	0	1
403 Oregon Tradeswomen Netwk	1	0	0	0	0	0	0	0	0	0	0	1
404 Project Soar of NE MN	1	0	0	0	0	0	0	0	0	0	0	1
405 YWCA Boston MA	1	0	0	0	0	0	0	0	0	0	0	1
406 YWCA Grand Island NE	1	0	0	0	0	0	0	0	0	0	0	1
407 YWCA Malden MA	1	0	0	0	0	0	0	0	0	0	0	1
408 YWCA Omaha	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 408 institutions	509,277	8,809	441	96,193	16,140	77,804	9,839	80,746	1,855	115,616	83,187	18,647

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-29. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1986-93

[Dollars in thousands]

Geographic division and State	1986	1987	1988	1989	1990	1991	1992	1993
United States, total	7,430,872	8,567,284	9,136,202	10,074,620	10,443,105	11,831,388	12,739,476	12,724,675
New England, total	837,310	925,630	960,239	1,050,489	1,080,855	1,185,425	1,274,966	1,297,735
Connecticut	163,251	199,015	200,431	212,825	211,615	227,412	248,516	250,100
Maine	8,871	12,315	10,567	13,472	14,400	14,106	16,958	21,668
Massachusetts	555,293	596,293	613,375	695,041	703,406	770,251	832,153	854,337
New Hampshire	33,530	37,833	41,049	40,744	56,636	62,151	72,275	69,368
Rhode Island	51,674	50,654	52,935	54,066	58,013	66,939	66,474	61,632
Vermont	24,691	29,520	41,882	34,341	36,785	44,566	38,590	40,630
Middle Atlantic, total	1,253,758	1,418,321	1,570,367	1,629,812	1,704,065	1,942,085	2,062,451	2,070,291
New Jersey	96,498	112,397	125,296	137,552	154,612	174,224	188,861	220,654
New York	754,156	847,508	922,455	953,671	961,595	1,051,542	1,128,751	1,063,118
Pennsylvania	403,104	458,416	522,616	538,589	587,858	716,319	744,839	786,519
East North Central, total	995,572	1,156,505	1,161,320	1,297,920	1,364,643	1,556,662	1,699,299	1,705,766
Illinois	300,720	362,085	341,817	376,154	388,997	426,268	449,704	457,096
Indiana	113,506	133,903	129,396	152,837	159,502	184,149	213,601	206,961
Michigan	206,226	244,168	265,190	293,996	311,395	359,383	412,357	426,747
Ohio	208,549	228,665	235,827	264,657	280,503	332,042	348,949	349,018
Wisconsin	166,571	187,684	189,090	210,276	224,246	254,820	274,688	265,944
West North Central, total	430,196	501,410	538,402	607,347	638,037	758,620	800,453	761,185
Iowa	88,252	102,999	113,183	123,733	130,267	152,203	155,419	154,487
Kansas	42,798	48,352	50,579	53,263	59,613	77,885	78,183	74,904
Minnesota	116,243	138,470	143,521	181,606	162,469	203,235	217,916	198,574
Missouri	131,465	154,490	163,920	178,822	197,672	215,475	238,567	228,773
Nebraska	30,326	35,826	33,682	36,412	41,753	57,590	56,959	50,555
North Dakota	12,799	12,428	24,074	21,944	34,656	38,145	38,548	37,358
South Dakota	8,313	8,845	9,443	11,567	11,607	14,087	14,861	16,534
South Atlantic, total	1,327,174	1,565,950	1,737,599	1,886,134	1,905,168	2,207,763	2,349,525	2,382,540
Delaware	15,406	15,447	18,654	19,806	21,401	24,797	32,522	31,341
District of Columbia	59,129	79,830	90,064	83,179	92,097	109,611	102,867	124,045
Florida	136,917	170,524	209,243	224,658	207,885	254,896	280,770	277,287
Georgia	162,217	192,700	207,852	218,107	201,000	262,536	288,643	255,855
Maryland	550,710	619,947	687,951	727,184	743,143	806,276	824,649	862,167
North Carolina	226,589	266,111	290,524	331,683	353,603	408,787	457,755	445,878
South Carolina	43,041	61,337	56,703	66,206	59,214	77,243	81,824	72,275
Virginia	118,372	141,361	149,990	181,976	195,492	217,376	231,743	233,502
West Virginia	14,793	18,693	26,618	33,335	31,333	46,241	48,752	80,190
East South Central, total	290,715	380,655	383,125	396,789	438,242	497,456	527,243	528,684
Alabama	108,225	142,550	140,658	146,708	154,052	187,193	194,653	198,278
Kentucky	40,296	44,161	46,023	52,185	58,015	62,736	73,224	77,019
Mississippi	35,564	64,114	56,130	55,340	62,282	62,751	65,489	71,937
Tennessee	106,630	129,830	140,314	142,556	163,893	184,776	193,877	181,450
West South Central, total	513,224	579,570	634,917	719,335	724,989	835,471	937,257	937,049
Arkansas	23,173	26,933	27,309	31,966	36,276	45,598	48,762	50,810
Louisiana	65,803	75,195	90,415	131,872	94,307	120,420	132,632	124,343
Oklahoma	41,525	47,680	49,959	51,175	51,831	57,937	78,338	65,831
Texas	382,723	429,762	467,234	504,322	542,575	611,516	677,525	696,065
Mountain, total	407,615	462,983	489,797	569,107	598,873	706,461	753,739	751,241
Arizona	72,346	97,064	111,731	125,424	128,532	143,136	160,028	159,687
Colorado	118,826	146,076	162,548	166,624	186,161	218,172	245,589	230,680
Idaho	8,143	10,456	13,007	18,473	15,077	26,653	20,400	21,557
Montana	11,338	14,004	13,435	15,688	19,210	23,923	28,948	30,352
Nevada	12,347	18,470	15,578	18,066	24,691	25,221	30,897	29,709
New Mexico	89,553	68,777	68,546	85,426	78,270	100,279	102,536	124,873
Utah	86,175	96,528	93,655	126,891	134,978	154,809	148,954	133,828
Wyoming	8,887	11,608	11,297	12,515	11,954	14,268	16,387	20,555

See explanatory information, if any, and SOURCE at end of table

Table B-29. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1986-93

[Dollars in thousands]

Geographic division and State	1986	1987	1988	1989	1990	1991	1992	1993
Pacific, total	1,347,666	1,542,272	1,626,363	1,878,974	1,931,058	2,094,372	2,282,661	2,240,748
Alaska	16,450	17,750	18,595	18,866	26,969	29,276	34,064	46,562
California	1,029,514	1,153,609	1,209,732	1,396,648	1,446,081	1,540,601	1,701,675	1,638,009
Hawaii	33,672	44,390	44,992	67,163	55,865	63,538	64,382	67,140
Oregon	87,673	121,304	115,135	139,654	124,739	149,258	157,190	159,513
Washington	180,357	205,219	237,909	256,643	277,404	311,699	325,350	329,524
Outlying Areas, total	27,642	33,988	34,073	38,713	57,175	47,073	51,882	49,436
Guam	1,918	3,490	2,440	2,669	3,091	3,262	2,878	3,334
Puerto Rico	22,237	26,535	27,087	31,638	48,968	38,504	43,412	39,650
American Samoa	563	662	665	660	1,223	1,291	1,223	1,233
Virgin Islands	1,927	1,927	2,098	2,083	2,058	2,083	2,405	2,972
Trust Territory Pacific Islands	997	1,374	1,783	1,663	1,835	1,933	1,964	2,247

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-30. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
Total, all institutions	7,430,872	8,567,284	9,136,202	10,074,620	10,443,105	11,831,388	12,739,476	12,724,675
1 Johns Hopkins University	457,525	521,252	584,369	604,567	607,259	649,007	660,675	701,097
2 University of Washington	157,154	178,242	197,823	222,126	243,031	272,312	280,054	279,832
3 MA Inst of Technology	207,867	205,792	209,213	231,126	242,340	256,603	275,279	276,265
4 Stanford University	195,454	218,200	229,617	265,282	273,428	259,929	270,056	268,673
5 University of Michigan	120,168	148,254	161,627	182,243	193,155	218,167	233,782	233,908
6 U CA San Diego	140,878	159,851	147,737	176,420	174,762	195,440	214,975	217,412
7 Cornell University	149,599	159,517	183,465	181,592	185,443	200,805	218,542	216,602
8 U WI Madison	138,827	154,716	150,990	171,168	177,043	205,012	222,163	216,148
9 Pennsylvania State U	99,665	110,476	136,545	135,192	155,811	166,986	176,046	210,865
10 U CA Los Angeles	133,150	158,816	165,303	182,282	188,407	208,394	215,751	207,871
Total 1st 10 institutions	1,800,287	2,015,116	2,166,689	2,351,998	2,440,679	2,632,655	2,767,323	2,828,673
11 Columbia U City New York	142,430	144,178	152,746	165,056	167,167	185,237	202,301	205,791
12 University of PA	112,402	119,918	130,853	145,478	157,169	186,678	193,366	200,642
13 University of Minnesota	114,473	134,892	137,077	174,043	156,401	196,383	212,327	194,575
14 Harvard University	125,127	141,308	141,655	161,251	165,736	181,438	198,310	187,932
15 U CA San Francisco	113,828	136,413	158,726	171,384	180,398	191,275	209,638	187,598
16 Yale University	123,849	146,238	148,912	162,017	157,955	171,710	190,388	182,404
17 U CA Berkeley	104,958	108,252	120,153	147,578	139,261	162,359	185,338	162,396
18 University of Colorado	78,496	95,841	113,789	110,494	125,514	150,684	167,427	157,755
19 Duke University	77,301	93,242	100,767	117,850	125,861	141,811	151,087	148,467
20 U TX Austin	76,288	79,969	88,400	87,432	107,673	106,147	121,429	146,743
Total 1st 20 institutions	2,869,439	3,215,367	3,459,767	3,794,581	3,923,814	4,306,377	4,598,934	4,602,976
21 Washington University	80,206	98,794	105,804	115,160	129,031	138,696	148,036	144,275
22 University of Pittsburgh	63,125	77,412	85,644	98,411	121,272	156,811	178,183	142,562
23 U NC Chapel Hill	75,475	86,555	91,137	105,334	113,418	128,809	151,515	141,698
24 U Southern California	99,904	108,279	104,877	118,775	128,756	148,088	151,454	139,412
25 U IL Urbana Champaign	103,091	138,233	111,783	120,659	120,878	136,044	142,329	138,304
26 University of Rochester	76,589	92,059	101,127	106,183	110,524	122,363	132,965	131,252
27 University of Arizona	56,212	72,404	80,679	92,224	101,897	108,050	122,610	121,160
28 California Inst of Tech	63,519	60,845	70,498	76,974	77,647	90,105	109,877	117,911
29 University of Chicago	78,988	91,734	95,204	100,914	101,048	114,390	118,031	111,924
30 Boston University	51,414	57,790	66,861	66,235	65,164	73,893	85,250	107,389
Total 1st 30 institutions	3,617,962	4,099,472	4,373,381	4,795,450	4,993,449	5,515,626	5,939,184	5,898,863
31 U Alabama Birmingham	49,732	66,082	63,733	75,153	78,304	95,038	98,978	106,141
32 Ohio State University	78,746	79,097	76,241	86,055	93,961	99,596	109,413	104,657
33 Indiana University	44,105	58,379	55,591	61,604	68,002	78,234	101,156	99,726
34 Michigan State University	59,788	60,952	64,010	69,762	73,555	78,909	91,702	98,658
35 Case Western Reserve U	53,392	61,205	67,718	74,430	77,149	93,937	94,254	96,798
36 University of Florida	58,358	62,070	66,048	70,706	68,732	79,467	109,895	95,915
37 University of Iowa	56,724	68,738	78,317	81,838	82,610	92,124	98,913	93,405
38 U CA Davis	45,798	53,152	57,751	64,271	71,992	84,517	96,998	92,923
39 Baylor Col of Medicine	50,125	58,377	66,127	72,715	76,110	87,593	89,304	92,755
40 Northwestern University	56,780	56,696	56,268	64,214	68,236	74,318	87,189	90,920
Total 1st 40 institutions	4,171,510	4,724,220	5,025,185	5,516,198	5,752,100	6,379,359	6,916,986	6,870,761
41 Texas A&M University	53,192	55,528	61,589	65,185	69,374	78,795	90,522	90,042
42 Purdue University	57,424	59,000	58,368	75,869	76,256	80,046	89,817	89,899
43 Vanderbilt University	47,093	59,361	65,121	71,263	79,794	86,834	93,010	89,140
44 University of Virginia	42,798	50,372	51,203	57,292	66,690	76,251	86,007	86,929
45 U MD College Park	59,098	55,680	61,992	70,824	76,607	87,724	88,747	85,730
46 Rutgers the St U of NJ	28,227	30,956	33,919	44,785	52,623	59,594	72,384	83,492
47 University of Utah	57,470	60,129	60,614	72,106	68,578	86,945	82,105	82,458
48 New York University	71,596	81,040	85,649	82,947	80,795	92,019	102,009	82,332
49 Louisiana State U	40,008	46,281	60,498	61,726	59,592	66,521	60,933	81,596
50 Carnegie Mellon U	61,083	71,773	75,901	60,277	52,344	55,474	67,580	76,896
Total 1st 50 institutions	4,689,499	5,294,340	5,640,039	6,178,472	6,434,753	7,149,562	7,750,100	7,719,275

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
51 NC State U Raleigh	41,010	43,748	47,126	58,935	58,929	63,505	77,955	71,590
52 University of Miami	39,624	53,565	61,588	63,781	67,130	74,377	75,487	69,919
53 University of Georgia	43,022	44,732	49,415	59,715	53,809	58,205	62,607	68,180
54 Yeshiva University NY	62,867	69,823	71,603	75,132	72,469	77,415	77,808	67,942
55 Emory University	32,756	48,901	52,231	48,030	51,169	61,596	68,164	67,482
56 Woods Hole Oceangraphic	37,318	35,620	35,299	69,486	53,690	54,118	75,329	66,821
57 Princeton University	46,084	48,366	49,153	51,396	55,366	58,149	62,373	65,389
58 U TX SW Med Ctr Dallas	43,274	49,564	50,233	52,642	54,616	59,837	63,950	65,314
59 Oregon State University	41,922	46,060	55,598	56,010	50,803	61,191	62,960	65,003
60 U CA Irvine	35,662	42,440	42,997	50,199	57,166	55,090	66,369	64,050
Total 1st 60 institutions	5,113,038	5,777,159	6,155,282	6,763,798	7,009,900	7,773,045	8,443,102	8,390,965
61 SUNY at Stony Brook	37,616	40,134	44,760	44,406	50,890	54,173	61,976	62,504
62 University of Connecticut	37,018	43,768	44,984	46,446	49,259	51,205	51,502	61,392
63 University of New Mexico	36,910	30,857	23,720	29,015	23,327	37,680	43,387	60,999
64 University of Kentucky	32,564	34,352	35,525	40,196	45,674	49,383	57,734	60,649
65 U IL Chicago	33,648	39,616	43,153	46,266	45,412	50,547	50,882	58,450
66 Georgetown University	16,190	22,555	26,872	26,540	31,928	40,996	39,328	58,418
67 Iowa State University	30,373	32,528	33,020	39,047	45,737	52,611	51,250	56,984
68 University of Cincinnati	31,382	40,409	40,048	43,623	42,840	57,676	59,651	56,185
69 U CA Santa Barbara	29,468	28,064	32,565	41,978	45,373	48,427	51,433	54,855
70 New Mexico State U	47,228	31,851	40,736	50,372	49,158	55,752	50,270	54,072
Total 1st 70 institutions	5,445,435	6,121,293	6,520,665	7,171,687	7,439,498	8,271,495	8,960,515	8,975,473
71 Colorado State University	31,814	36,924	37,389	42,603	47,205	51,700	59,217	53,949
72 U Med & Dent of NJ	16,507	26,387	35,064	34,417	39,183	42,685	42,451	53,773
73 West Virginia U Morgantwn	13,454	16,197	24,633	30,538	26,227	40,482	38,762	53,508
74 U Hawaii Manoa	31,981	33,789	37,861	54,518	46,354	50,302	49,447	53,286
75 U MD Baltimore	26,450	30,444	32,926	35,918	42,798	51,061	54,644	52,466
76 Oregon Hlth Sciences U	15,279	18,946	21,592	51,861	42,390	45,507	47,288	52,299
77 Georgia Institute of Tech	56,265	65,052	73,860	72,655	56,308	84,402	73,285	51,953
78 Tufts University	38,194	38,419	37,234	40,240	41,128	43,797	47,324	49,179
79 VA Polytech Inst & St U	32,327	33,105	36,857	46,491	44,200	45,866	48,216	48,887
80 U TX Hlth Sci Ctr S Anto	23,319	28,457	30,247	33,463	36,283	39,114	45,700	48,415
Total 1st 80 institutions	5,731,025	6,449,013	6,888,328	7,614,391	7,861,574	8,766,411	9,466,849	9,493,188
81 CUNY Mt Sinai Schl of Med	30,872	36,329	49,252	42,970	45,387	51,345	52,529	45,262
82 Virginia Commonwealth U	28,429	34,298	34,870	45,692	45,376	49,198	48,580	44,029
83 Utah State University	24,074	30,252	29,426	50,835	60,922	61,827	60,360	44,002
84 Dartmouth College	20,318	22,576	26,003	25,139	32,905	38,103	42,506	43,641
85 U Alaska Fairbanks	12,831	15,758	16,435	17,478	23,390	25,769	32,345	43,385
86 U TX MD Anderson Cancer	21,349	26,906	29,943	29,202	31,805	36,001	41,546	43,219
87 Wayne State University	17,172	21,999	26,717	28,953	29,491	35,948	44,365	42,735
88 Wake Forest University	18,496	21,938	28,964	28,512	30,149	39,585	40,480	42,526
89 U Tennessee Knoxville	0	0	0	0	0	0	45,099	42,026
90 Florida State University	21,823	26,445	26,115	29,381	29,152	47,245	38,788	41,966
Total 1st 90 institutions	5,926,389	6,685,514	7,156,053	7,912,553	8,190,151	9,151,432	9,913,447	9,925,979
91 U Missouri Columbia	31,714	32,635	33,350	35,006	37,359	40,219	50,980	41,937
92 University of Dayton	24,145	20,532	21,097	22,684	23,852	25,581	30,515	41,678
93 U MA Amherst	0	0	0	0	0	0	37,443	40,237
94 Thomas Jefferson U	11,813	16,000	18,465	21,242	23,353	27,711	34,914	39,635
95 U TX Hlth Sci Ctr Houstn	23,735	29,410	28,863	29,849	31,090	34,816	36,307	38,753
96 Washington State U	22,027	23,367	29,481	28,153	28,394	33,867	38,102	38,649
97 University of Vermont	24,377	28,175	40,266	33,090	35,295	42,539	36,319	38,481
98 SUNY at Buffalo	24,820	33,352	36,350	40,906	42,655	46,379	48,498	37,598
99 Brown University	36,090	34,916	34,388	35,604	37,066	39,803	40,877	36,887
100 U MA Worcester	0	0	0	0	0	0	38,955	36,639
Total 1st 100 institutions	6,125,110	6,903,901	7,398,313	8,159,087	8,449,215	9,442,347	10,306,357	10,316,473

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

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Table B-31. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1993

[Dollars in thousands]

Agency	Total, academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all agencies	12,724,675	10,940,124	259,421	32,228	524,786	66,087	902,029
Department of Agriculture	940,548	462,464	55,058	0	10,469	10	412,547
Department of Commerce	109,822	58,434	377	4,020	2,070	15,047	29,874
Department of Defense	1,833,939	NA	0	0	2,158	17	244,900
Army	297,798	NA	0	0	0	0	27,851
Navy	1,046,217	NA	0	0	1,354	17	195,030
Air Force	363,600	NA	0	0	0	0	5,529
Other Department of Defense	126,324	NA	0	0	804	0	16,490
Department of Defense, research [2]	NA	1,129,998	NA	NA	NA	NA	NA
Army	NA	234,020	NA	NA	NA	NA	NA
Navy	NA	502,016	NA	NA	NA	NA	NA
Air Force	NA	313,802	NA	NA	NA	NA	NA
Other Department of Defense	NA	80,160	NA	NA	NA	NA	NA
Department of Defense, development [2]	NA	456,866	NA	NA	NA	NA	NA
Army	NA	35,927	NA	NA	NA	NA	NA
Navy	NA	347,800	NA	NA	NA	NA	NA
Air Force	NA	44,269	NA	NA	NA	NA	NA
Other Department of Defense	NA	28,870	NA	NA	NA	NA	NA
Department of Education	156,435	94,811	0	0	57,661	3,963	0
Department of Energy	716,160	582,110	120,237	0	13,813	0	0
Environmental Protection Agency	152,692	142,606	0	0	8,124	1,887	75
Department of Health & Human Services	6,023,063	5,610,296	10,622	0	335,017	26,641	40,487
Administration on Aging	6,643	4,554	0	0	2,089	0	0
Administration for Children & Families	57,074	57,074	0	0	0	0	0
Agency for Health Care Policy & Research	57,255	53,945	0	0	3,310	0	0
Agency for Toxic Substances & Disease Registry	443	43	0	0	0	400	0
Centers for Disease Control	43,932	43,932	0	0	0	0	0
Food and Drug Administration	11,594	8,043	264	0	1,287	0	2,000
Health Care Financing Administration	5,792	5,792	0	0	0	0	0
Health Resources and Services Administration	43,080	2,389	0	0	40,691	0	0
Indian Health Service	2,756	30	0	0	2,726	0	0
National Institutes of Health	5,788,054	5,428,054	10,358	0	284,914	26,241	38,487
Office of the Assistant Secretary for Health	665	665	0	0	0	0	0
Social Security Administration	532	532	0	0	0	0	0
Other Dept of Health & Human Services	5,243	5,243	0	0	0	0	0
Department of Housing & Urban Development	396	396	0	0	0	0	0
Department of Interior	77,685	69,846	0	0	0	7,839	0
Department of Labor	6,576	6,211	0	0	365	0	0
Department of Transportation	95,599	72,747	0	7,123	5,912	848	8,969

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1993

[Dollars in thousands]

Agency	Total, academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Agency for International Development	11,466	11,466	0	0	0	0	0
National Aeronautics & Space Administration	737,123	631,139	9,871	0	42,116	0	53,997
National Science Foundation	1,858,374	1,605,937	63,256	21,085	47,081	9,835	111,180
Nuclear Regulatory Commission	4,797	4,797	0	0	0	0	0

[1] See Technical Notes, "Scope of Survey."

[2] Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

KEY: NA = not available

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-32. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1993

Geographic division and State	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Obligations (thousands)	$12,724,675	$10,940,124	$259,421	$32,228	$524,786	$66,087	$902,029
Number of institutions	1,126	909	128	426	564	318	399
New England, total:							
Obligations (thousands)	$1,297,735	$1,164,002	$26,704	$1,898	$54,983	$5,286	$44,862
Number of institutions	96	81	14	36	49	26	29
Connecticut:							
Obligations (thousands)	$250,100	$216,542	$12,426	$313	$11,486	$1,903	$7,430
Number of institutions	16	13	3	7	10	3	5
Maine:							
Obligations (thousands)	$21,668	$13,572	$753	$341	$422	$467	$6,113
Number of institutions	14	11	1	6	4	2	2
Massachusetts:							
Obligations (thousands)	$854,337	$782,288	$10,505	$853	$37,588	$1,872	$21,231
Number of institutions	43	39	8	16	25	17	16
New Hampshire:							
Obligations (thousands)	$69,368	$62,959	$0	$202	$2,197	$428	$3,582
Number of institutions	10	6	0	4	5	2	2
Rhode Island:							
Obligations (thousands)	$61,632	$52,785	$3,020	$95	$2,059	$207	$3,466
Number of institutions	5	4	2	2	3	1	2
Vermont:							
Obligations (thousands)	$40,630	$35,856	$0	$94	$1,231	$409	$3,040
Number of institutions	8	8	0	1	2	1	2
Middle Atlantic, total:							
Obligations (thousands)	$2,070,291	$1,836,838	$67,864	$3,546	$71,837	$5,198	$85,008
Number of institutions	182	153	18	68	82	43	52
New Jersey:							
Obligations (thousands)	$220,654	$187,236	$13,418	$206	$7,577	$1,672	$10,545
Number of institutions	17	15	3	5	7	4	5
New York:							
Obligations (thousands)	$1,063,118	$941,509	$42,911	$1,867	$41,219	$2,337	$33,275
Number of institutions	102	87	8	34	51	28	31
Pennsylvania:							
Obligations (thousands)	$786,519	$708,093	$11,535	$1,473	$23,041	$1,189	$41,188
Number of institutions	63	51	7	29	24	11	16
East North Central, total:							
Obligations (thousands)	$1,705,766	$1,486,387	$37,264	$5,696	$64,922	$9,190	$102,307
Number of institutions	157	122	16	67	78	31	45
Illinois:							
Obligations (thousands)	$457,096	$402,096	$1,774	$3,095	$22,330	$1,412	$26,389
Number of institutions	51	34	4	22	28	9	11
Indiana:							
Obligations (thousands)	$206,961	$172,670	$13,386	$570	$5,389	$236	$14,710
Number of institutions	18	13	3	9	10	3	3
Michigan:							
Obligations (thousands)	$426,747	$368,972	$16,180	$1,104	$17,154	$1,063	$22,274
Number of institutions	29	23	3	13	12	4	9
Ohio:							
Obligations (thousands)	$349,018	$307,347	$1,086	$424	$10,262	$5,879	$24,020
Number of institutions	37	34	4	13	20	11	17
Wisconsin:							
Obligations (thousands)	$265,944	$235,302	$4,838	$503	$9,787	$600	$14,914
Number of institutions	22	18	2	10	8	4	5

See explanatory information, if any, and SOURCE at end of table.

Table B-32. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1993

Geographic division and State	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
West North Central, total:							
Obligations (thousands)	$761,185	$635,670	$7,703	$5,826	$34,471	$1,221	$76,294
Number of institutions	102	81	9	49	46	17	29
Iowa:							
Obligations (thousands)	$154,487	$132,338	$592	$536	$7,119	$443	$13,459
Number of institutions	20	15	2	11	3	3	4
Kansas:							
Obligations (thousands)	$74,904	$62,468	$1,312	$217	$1,792	$72	$9,043
Number of institutions	10	7	1	7	4	3	3
Minnesota:							
Obligations (thousands)	$198,574	$171,428	$526	$607	$8,439	$165	$17,409
Number of institutions	23	20	1	11	11	1	3
Missouri:							
Obligations (thousands)	$228,773	$197,385	$84	$439	$13,906	$392	$16,567
Number of institutions	23	17	1	10	13	6	9
Nebraska:							
Obligations (thousands)	$50,555	$41,077	$0	$76	$929	$131	$8,342
Number of institutions	9	8	0	4	5	2	5
North Dakota:							
Obligations (thousands)	$37,358	$20,995	$4,340	$3,867	$1,564	$13	$6,579
Number of institutions	7	5	3	3	5	1	3
South Dakota:							
Obligations (thousands)	$16,534	$9,979	$849	$84	$722	$5	$4,895
Number of institutions	10	9	1	3	5	1	2
South Atlantic, total:							
Obligations (thousands)	$2,382,540	$1,942,988	$37,250	$5,261	$99,922	$12,546	$284,573
Number of institutions	188	143	23	66	94	71	78
Delaware:							
Obligations (thousands)	$31,341	$24,421	$0	$0	$979	$166	$5,775
Number of institutions	3	3	0	0	3	2	2
District of Columbia:							
Obligations (thousands)	$124,045	$109,857	$412	$42	$4,803	$486	$8,445
Number of institutions	8	7	1	2	7	7	7
Florida:							
Obligations (thousands)	$277,287	$230,017	$14,542	$714	$13,809	$2,600	$15,605
Number of institutions	29	18	3	15	15	11	11
Georgia:							
Obligations (thousands)	$255,855	$207,633	$2,948	$1,699	$20,734	$2,100	$20,741
Number of institutions	29	22	5	8	14	10	11
Maryland:							
Obligations (thousands)	$862,167	$687,277	$1,598	$351	$21,086	$1,406	$150,449
Number of institutions	30	25	5	11	14	11	9
North Carolina:							
Obligations (thousands)	$445,878	$385,188	$5,230	$1,605	$23,066	$4,023	$26,766
Number of institutions	33	24	4	16	17	12	16
South Carolina:							
Obligations (thousands)	$72,275	$56,957	$350	$215	$2,251	$774	$11,728
Number of institutions	17	13	1	5	7	7	7
Virginia:							
Obligations (thousands)	$233,502	$200,585	$1,033	$557	$11,645	$948	$18,734
Number of institutions	30	23	2	6	15	9	12
West Virginia:							
Obligations (thousands)	$80,190	$41,053	$11,137	$78	$1,549	$43	$26,330
Number of institutions	9	8	2	3	2	2	3

See explanatory information, if any, and SOURCE at end of table.

Table B-32. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1993

Geographic division and State	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
East South Central, total:							
Obligations (thousands)	$528,684	$423,725	$11,752	$1,389	$25,935	$3,943	$61,940
Number of institutions	75	59	5	28	45	26	32
Alabama:							
Obligations (thousands)	$198,278	$160,742	$10,002	$446	$8,808	$1,498	$16,782
Number of institutions	25	17	2	9	16	9	13
Kentucky:							
Obligations (thousands)	$77,019	$58,818	$0	$226	$3,301	$547	$14,127
Number of institutions	11	10	0	5	5	2	3
Mississippi:							
Obligations (thousands)	$71,937	$51,309	$190	$240	$3,218	$1,307	$15,673
Number of institutions	15	10	1	5	11	7	7
Tennessee:							
Obligations (thousands)	$181,450	$152,856	$1,560	$477	$10,608	$591	$15,358
Number of institutions	24	22	2	9	13	8	9
West South Central, total:							
Obligations (thousands)	$937,049	$780,203	$15,915	$2,906	$34,848	$7,709	$95,468
Number of institutions	107	89	10	33	63	38	50
Arkansas:							
Obligations (thousands)	$50,810	$32,467	$3,093	$278	$3,346	$1,116	$10,510
Number of institutions	14	12	1	7	8	3	6
Louisiana:							
Obligations (thousands)	$124,343	$96,200	$10,000	$161	$5,102	$2,465	$10,415
Number of institutions	18	18	1	4	12	6	7
Oklahoma:							
Obligations (thousands)	$65,831	$45,077	$35	$1,603	$2,106	$348	$16,662
Number of institutions	14	10	1	6	6	3	4
Texas:							
Obligations (thousands)	$696,065	$606,459	$2,787	$864	$24,294	$3,780	$57,881
Number of institutions	61	49	7	16	37	26	33
Mountain, total:							
Obligations (thousands)	$751,241	$671,285	$5,078	$1,728	$28,433	$5,266	$39,451
Number of institutions	62	55	11	19	31	20	23
Arizona:							
Obligations (thousands)	$159,687	$144,422	$1,302	$239	$7,271	$471	$5,982
Number of institutions	10	9	1	4	3	3	3
Colorado:							
Obligations (thousands)	$230,680	$208,487	$878	$263	$11,767	$3,226	$6,059
Number of institutions	15	12	2	6	8	5	6
Idaho:							
Obligations (thousands)	$21,557	$16,545	$485	$0	$562	$176	$3,789
Number of institutions	5	5	1	0	3	1	1
Montana:							
Obligations (thousands)	$30,352	$24,358	$888	$58	$932	$97	$4,019
Number of institutions	8	8	1	2	4	2	2
Nevada:							
Obligations (thousands)	$29,709	$24,865	$397	$850	$1,390	$251	$1,956
Number of institutions	7	5	2	1	3	2	4
New Mexico:							
Obligations (thousands)	$124,873	$112,115	$20	$46	$3,921	$479	$8,292
Number of institutions	7	7	1	1	5	3	3
Utah:							
Obligations (thousands)	$133,828	$123,154	$690	$157	$2,290	$522	$7,015
Number of institutions	7	7	2	2	3	3	3

See explanatory information, if any, and SOURCE at end of table.

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Table B-32. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1993

Geographic division and State	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Wyoming:							
Obligations (thousands)	$20,555	$17,339	$418	$115	$300	$44	$2,339
Number of institutions	3	2	1	3	2	1	1
Pacific, total:							
Obligations (thousands)	$2,240,748	$1,969,861	$49,888	$3,900	$107,864	$12,752	$96,483
Number of institutions	136	109	21	57	67	37	46
Alaska:							
Obligations (thousands)	$46,562	$34,217	$665	$87	$261	$1,419	$9,913
Number of institutions	4	4	1	2	2	2	3
California:							
Obligations (thousands)	$1,638,009	$1,466,549	$29,549	$2,708	$82,698	$7,091	$49,414
Number of institutions	83	64	13	36	47	24	28
Hawaii:							
Obligations (thousands)	$67,140	$53,488	$3,538	$50	$1,660	$2,576	$5,828
Number of institutions	5	3	2	1	2	3	4
Oregon:							
Obligations (thousands)	$159,513	$130,083	$13,056	$525	$8,751	$298	$6,800
Number of institutions	18	14	3	10	8	4	4
Washington:							
Obligations (thousands)	$329,524	$285,524	$3,080	$530	$14,494	$1,368	$24,528
Number of institutions	26	24	2	8	8	4	7
Outlying Areas, total:							
Obligations (thousands)	$49,436	$29,165	$3	$78	$1,571	$2,976	$15,643
Number of institutions	21	17	1	3	9	9	15
Guam:							
Obligations (thousands)	$3,334	$1,438	$0	$0	$0	$383	$1,513
Number of institutions	1	1	0	0	0	1	1
Puerto Rico:							
Obligations (thousands)	$39,650	$24,864	$3	$78	$1,433	$2,248	$11,024
Number of institutions	16	12	1	3	8	7	10
American Samoa:							
Obligations (thousands)	$1,233	$679	$0	$0	$0	$0	$554
Number of institutions	1	1	0	0	0	0	1
Virgin Islands:							
Obligations (thousands)	$2,972	$1,210	$0	$0	$138	$345	$1,279
Number of institutions	1	1	0	0	1	1	1
Trust Territory Pacific Islands:							
Obligations (thousands)	$2,247	$974	$0	$0	$0	$0	$1,273
Number of institutions	2	2	0	0	0	0	2

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-33. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	12,724,675	10,940,124	259,421	32,228	524,786	66,087	902,029
1 Johns Hopkins University	701,097	543,873	45	28	16,309	170	140,672
2 University of Washington	279,832	246,013	890	73	13,496	1,240	18,120
3 MA Inst of Technology	276,265	251,845	6,842	86	9,984	409	7,099
4 Stanford University	268,673	249,575	0	0	17,358	0	1,740
5 University of Michigan	233,908	214,612	634	238	12,172	332	5,920
6 U CA San Diego	217,412	204,063	311	0	8,603	2,525	1,910
7 Cornell University	216,602	174,226	16,535	53	8,229	2	17,557
8 U WI Madison	216,148	190,469	4,755	86	7,126	334	13,378
9 Pennsylvania State U	210,865	173,070	531	68	2,830	59	34,307
10 U CA Los Angeles	207,871	195,788	277	0	9,639	212	1,955
Total 1st 10 institutions	2,828,673	2,443,534	30,820	632	105,746	5,283	242,658
11 Columbia U City New York	205,791	194,910	1,983	0	7,230	339	1,329
12 University of PA	200,642	186,002	597	99	11,051	496	2,397
13 University of Minnesota	194,575	168,675	526	163	8,293	165	16,753
14 Harvard University	187,932	169,173	280	0	16,774	60	1,645
15 U CA San Francisco	187,598	175,388	110	0	11,273	301	526
16 Yale University	182,404	169,151	2,246	0	9,622	33	1,352
17 U CA Berkeley	162,396	133,232	373	40	10,830	137	17,784
18 University of Colorado	157,755	145,497	579	78	7,989	2,768	844
19 Duke University	148,467	138,839	705	91	6,375	427	2,030
20 U TX Austin	146,743	117,225	189	0	3,732	672	24,925
Total 1st 20 institutions	4,602,976	4,041,626	38,408	1,103	198,915	10,681	312,243
21 Washington University	144,275	133,210	84	15	9,764	22	1,180
22 University of Pittsburgh	142,562	136,780	105	0	3,511	0	2,166
23 U NC Chapel Hill	141,698	129,071	880	19	9,309	508	1,911
24 U Southern California	139,412	125,297	412	0	3,225	291	10,187
25 U IL Urbana Champaign	138,304	116,116	280	269	5,370	639	15,630
26 University of Rochester	131,252	98,935	23,790	0	6,186	35	2,306
27 University of Arizona	121,160	107,819	1,302	127	6,086	84	5,742
28 California Inst of Tech	117,911	87,702	24,412	202	4,763	186	646
29 University of Chicago	111,924	99,378	0	34	7,289	67	5,156
30 Boston University	107,389	102,642	302	145	4,244	13	43
Total 1st 30 institutions	5,898,863	5,178,576	89,975	1,914	258,662	12,526	357,210
31 U Alabama Birmingham	106,141	90,737	10,000	172	3,504	196	1,532
32 Ohio State University	104,657	84,121	212	43	1,498	4,255	14,528
33 Indiana University	99,726	81,374	13,009	98	3,569	90	1,586
34 Michigan State University	98,658	67,666	15,076	146	1,694	290	13,786
35 Case Western Reserve U	96,798	89,608	0	0	4,494	126	2,570
36 University of Florida	95,915	77,341	422	160	6,337	341	11,314
37 University of Iowa	93,405	87,875	30	14	4,985	237	264
38 U CA Davis	92,923	84,495	2,125	0	2,701	298	3,304
39 Baylor Col of Medicine	92,755	88,276	412	0	3,185	66	816
40 Northwestern University	90,920	82,636	1,185	1,916	3,664	56	1,463
Total 1st 40 institutions	6,870,761	6,012,705	132,446	4,463	294,293	18,481	408,373
41 Texas A&M University	90,042	65,174	1,044	24	1,497	1,090	21,213
42 Purdue University	89,899	74,920	307	52	1,380	131	13,109
43 Vanderbilt University	89,140	82,091	0	0	6,490	117	442
44 University of Virginia	86,929	79,221	129	0	4,643	53	2,883
45 U MD College Park	85,730	76,300	1,418	50	1,402	469	6,091
46 Rutgers the St U of NJ	83,492	70,059	2,629	119	2,377	827	7,481
47 University of Utah	82,458	77,407	52	0	1,723	37	3,239
48 New York University	82,332	77,694	141	61	3,873	32	531
49 Louisiana State U	81,596	58,197	10,000	55	2,820	1,892	8,632
50 Carnegie Mellon U	76,896	73,474	130	82	1,513	173	1,524
Total 1st 50 institutions	7,719,275	6,747,242	148,296	4,906	322,011	23,302	473,518

See explanatory information, if any, and SOURCE at end of table.

Table B-33. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
51 NC State U Raleigh	71,590	50,661	0	100	3,595	350	16,884
52 University of Miami	69,919	67,315	0	30	2,268	33	273
53 University of Georgia	68,180	51,903	2,046	4	747	269	13,211
54 Yeshiva University NY	67,942	64,627	0	0	3,315	0	0
55 Emory University	67,482	64,526	412	0	2,461	26	57
56 Woods Hole Oceangraphic	66,821	61,399	2,652	4	4	141	2,621
57 Princeton University	65,389	59,871	712	21	3,349	0	1,436
58 U TX SW Med Ctr Dallas	65,314	61,269	931	0	2,492	30	592
59 Oregon State University	65,003	53,999	2,879	167	1,172	215	6,571
60 U CA Irvine	64,050	61,567	263	40	1,930	153	97
Total 1st 60 institutions	8,390,965	7,344,379	158,191	5,272	343,344	24,519	515,260
61 SUNY at Stony Brook	62,504	58,590	55	51	1,421	410	1,977
62 University of Connecticut	61,392	42,992	10,000	0	1,269	1,851	5,280
63 University of New Mexico	60,999	55,827	20	0	2,713	163	2,276
64 University of Kentucky	60,649	46,594	0	56	2,071	473	11,455
65 U IL Chicago	58,450	55,202	45	0	1,320	358	1,525
66 Georgetown University	58,418	56,523	412	0	581	78	824
67 Iowa State University	56,984	41,468	562	194	1,568	196	12,996
68 University of Cincinnati	56,185	51,936	325	0	2,227	1,336	361
69 U CA Santa Barbara	54,855	51,459	543	33	888	765	1,167
70 New Mexico State U	54,072	47,265	0	0	977	65	5,765
Total 1st 70 institutions	8,975,473	7,852,235	170,153	5,606	358,379	30,214	558,886
71 Colorado State University	53,949	46,360	299	0	2,003	243	5,044
72 U Med & Dent of NJ	53,773	41,788	10,077	0	1,270	466	172
73 West Virginia U Morgantwn	53,508	35,439	1,487	0	1,519	30	15,033
74 U Hawaii Manoa	53,286	44,660	3,213	50	1,632	175	3,556
75 U MD Baltimore	52,466	49,992	100	0	1,426	143	805
76 Oregon Hlth Sciences U	52,299	37,898	10,102	0	4,103	52	144
77 Georgia Institute of Tech	51,953	50,805	25	0	966	39	118
78 Tufts University	49,179	45,015	263	0	1,314	242	2,345
79 VA Polytech Inst & St U	48,887	36,841	904	225	783	101	10,033
80 U TX Hlth Sci Ctr S Anto	48,415	44,987	0	0	2,817	211	400
Total 1st 80 institutions	9,493,188	8,286,020	196,623	5,881	376,212	31,916	596,536
81 CUNY Mt Sinai Schl of Med	45,262	43,638	0	0	1,512	56	56
82 Virginia Commonwealth U	44,029	40,568	0	0	3,416	35	10
83 Utah State University	44,002	38,841	638	0	459	298	3,766
84 Dartmouth College	43,641	41,349	0	120	1,625	246	301
85 U Alaska Fairbanks	43,385	31,738	665	71	225	976	9,710
86 U TX MD Anderson Cancer	43,219	42,602	0	0	587	15	15
87 Wayne State University	42,735	40,172	470	0	1,607	398	88
88 Wake Forest University	42,526	37,768	3,573	19	1,088	11	67
89 U Tennessee Knoxville	42,026	28,833	1,204	0	373	76	11,540
90 Florida State University	41,966	26,847	14,050	0	1,029	40	0
Total 1st 90 institutions	9,925,979	8,658,376	217,223	6,091	388,133	34,067	622,089
91 U Missouri Columbia	41,937	28,481	0	68	979	43	12,366
92 University of Dayton	41,678	37,065	0	0	24	0	4,589
93 U MA Amherst	40,237	35,227	125	78	682	54	4,071
94 Thomas Jefferson U	39,635	38,180	0	0	1,405	25	25
95 U TX Hlth Sci Ctr Houstn	38,753	37,465	0	0	1,080	97	111
96 Washington State U	38,649	29,541	2,190	0	738	82	6,098
97 University of Vermont	38,481	33,915	0	0	1,227	409	2,930
98 SUNY at Buffalo	37,598	31,355	0	97	1,635	239	4,272
99 Brown University	36,887	34,483	150	82	1,666	0	506
100 U MA Worcester	36,639	34,574	0	0	1,257	404	404
Total 1st 100 institutions	10,316,473	8,998,662	219,688	6,416	398,826	35,420	657,461

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-34. Federal obligations for science and engineering (S&E) to universities and colleges, by highest degree granted in the sciences and engineering, type of institutional control, and agency: fiscal year 1993

[Dollars in thousands]

Type of institutional control	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
	Total, all degree levels											
All institutions	12,724,675	940,548	109,822	1,833,939	156,435	716,160	152,692	6,023,063	77,685	737,123	1,858,374	118,834
Public	7,635,510	876,806	98,314	827,337	120,817	437,466	114,114	3,346,144	69,875	488,143	1,177,088	79,406
Private	5,089,165	63,742	11,508	1,006,602	35,618	278,694	38,578	2,676,919	7,810	248,980	681,286	39,428
	Doctorate											
All institutions	12,287,779	864,946	94,617	1,787,999	130,990	703,344	144,489	5,934,541	74,249	676,984	1,763,646	111,974
Public	7,333,445	806,062	83,231	803,168	103,728	427,412	107,508	3,280,145	66,601	459,161	1,120,601	75,828
Private	4,954,334	58,884	11,386	984,831	27,262	275,932	36,981	2,654,396	7,648	217,823	643,045	36,146
	Master's											
All institutions	260,511	46,698	5,604	32,725	16,114	5,690	6,014	50,412	2,147	27,604	63,205	4,298
Public	204,321	42,270	5,604	17,044	11,706	4,898	5,313	41,330	2,147	23,872	47,137	3,000
Private	56,190	4,428	0	15,681	4,408	792	701	9,082	0	3,732	16,068	1,298
	Bachelor's											
All institutions	128,812	25,423	5,833	10,310	4,620	4,419	1,784	20,882	841	28,340	24,577	1,783
Public	54,000	24,993	5,711	4,611	1,548	3,587	918	7,931	679	1,152	2,596	274
Private	74,812	430	122	5,699	3,072	832	866	12,951	162	27,188	21,981	1,509
	No science and engineering degrees											
All institutions	47,573	3,481	3,768	2,905	4,711	2,707	405	17,228	448	4,195	6,946	779
Public	43,744	3,481	3,768	2,514	3,835	1,569	375	16,738	448	3,958	6,754	304
Private	3,829	0	0	391	876	1,138	30	490	0	237	192	475

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-35. Number of universities and colleges receiving Federal obligations for science and engineering (S&E), by highest degree granted in the sciences and engineering, type of institutional control, and type of activity: fiscal year 1993

Type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
	Total, all degree levels						
All institutions	1,126	909	128	426	564	318	399
Public	626	522	93	246	330	213	269
Private	500	387	35	180	234	105	130
	Doctorate						
All institutions	354	347	119	137	306	239	274
Public	224	223	86	95	198	163	187
Private	130	124	33	42	108	76	87
	Master's						
All institutions	297	239	7	129	150	48	67
Public	169	149	6	84	84	35	50
Private	128	90	1	45	66	13	17
	Bachelor's						
All institutions	288	204	2	107	81	27	39
Public	68	50	1	15	26	11	15
Private	220	154	1	92	55	16	24
	No science and engineering degrees						
All institutions	187	119	0	53	27	4	19
Public	165	100	0	52	22	4	17
Private	22	19	0	1	5	0	2

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-36. Federal obligations for science and engineering (S&E) to universities and colleges, by highest degree granted in the sciences and engineering, type of institutional control, and type of activity: fiscal year 1993

[Dollars in thousands]

Type of institutional control	Total, academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
	Total, all degree levels						
All institutions	12,724,675	10,940,124	259,421	32,228	524,786	66,087	902,029
Public	7,635,510	6,473,538	150,620	20,482	296,023	54,572	640,275
Private	5,089,165	4,466,586	108,801	11,746	228,763	11,515	261,754
	Doctorate						
All institutions	12,287,779	10,662,063	246,832	14,120	490,127	51,282	823,355
Public	7,333,445	6,274,974	147,841	9,826	272,364	43,975	584,465
Private	4,954,334	4,387,089	98,991	4,294	217,763	7,307	238,890
	Master's						
All institutions	260,511	182,627	825	6,561	21,668	7,292	41,538
Public	204,321	139,687	665	4,410	16,193	6,122	37,244
Private	56,190	42,940	160	2,151	5,475	1,170	4,294
	Bachelor's						
All institutions	128,812	61,897	11,764	5,895	10,405	7,155	31,696
Public	54,000	28,363	2,114	621	5,430	4,117	13,355
Private	74,812	33,534	9,650	5,274	4,975	3,038	18,341
	No science and engineering degrees						
All institutions	47,573	33,537	0	5,652	2,586	358	5,440
Public	43,744	30,514	0	5,625	2,036	358	5,211
Private	3,829	3,023	0	27	550	0	229

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-37. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Public institutions:							
Obligations (thousands)	$7,635,510	$6,473,538	$150,620	$20,482	$296,023	$54,572	$640,275
Number of institutions	626	522	93	246	330	213	269
Private institutions:							
Obligations (thousands)	$5,089,165	$4,466,586	$108,801	$11,746	$228,763	$11,515	$261,754
Number of institutions	500	387	35	180	234	105	130
New England, total:							
Public institutions:							
Obligations (thousands)	$259,048	$209,705	$13,754	$538	$6,180	$3,601	$25,270
Number of institutions	34	27	5	11	16	11	11
Private institutions:							
Obligations (thousands)	$1,038,687	$954,297	$12,950	$1,360	$48,803	$1,685	$19,592
Number of institutions	62	54	9	25	33	15	18
Connecticut:							
Public institutions:							
Obligations (thousands)	$61,744	$43,229	$10,000	$78	$1,306	$1,851	$5,280
Number of institutions	4	3	1	2	3	1	1
Private institutions:							
Obligations (thousands)	$188,356	$173,313	$2,426	$235	$10,180	$52	$2,150
Number of institutions	12	10	2	5	7	2	4
Maine:							
Public institutions:							
Obligations (thousands)	$20,657	$12,806	$753	$132	$386	$467	$6,113
Number of institutions	8	6	1	2	3	2	2
Private institutions:							
Obligations (thousands)	$1,011	$766	$0	$209	$36	$0	$0
Number of institutions	6	5	0	4	1	0	0
Massachusetts:							
Public institutions:							
Obligations (thousands)	$87,854	$79,937	$131	$288	$2,307	$485	$4,706
Number of institutions	13	11	2	6	5	5	5
Private institutions:							
Obligations (thousands)	$766,483	$702,351	$10,374	$565	$35,281	$1,387	$16,525
Number of institutions	30	28	6	10	20	12	11
New Hampshire:							
Public institutions:							
Obligations (thousands)	$25,530	$21,462	$0	$40	$565	$182	$3,281
Number of institutions	4	2	0	1	3	1	1
Private institutions:							
Obligations (thousands)	$43,838	$41,497	$0	$162	$1,632	$246	$301
Number of institutions	6	4	0	3	2	1	1
Rhode Island:							
Public institutions:							
Obligations (thousands)	$24,728	$18,302	$2,870	$0	$389	$207	$2,960
Number of institutions	3	3	1	0	1	1	1
Private institutions:							
Obligations (thousands)	$36,904	$34,483	$150	$95	$1,670	$0	$506
Number of institutions	2	1	1	2	2	0	1
Vermont:							
Public institutions:							
Obligations (thousands)	$33,535	$33,969	$0	$0	$1,227	$409	$2,930
Number of institutions	2	2	0	0	1	1	1
Private institutions:							
Obligations (thousands)	$2,095	$1,887	$0	$94	$4	$0	$110
Number of institutions	6	6	0	1	1	0	1
Middle Atlantic, total:							
Public institutions:							
Obligations (thousands)	$718,741	$629,037	$13,763	$1,568	$18,256	$3,157	$52,960
Number of institutions	75	62	7	28	29	19	24
Private institutions:							
Obligations (thousands)	$1,351,550	$1,207,801	$54,101	$1,978	$53,581	$2,041	$32,048
Number of institutions	107	91	11	40	53	24	28

See explanatory information, if any, and SOURCE at end of table.

Table B-37. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New Jersey:							
Public institutions:							
Obligations (thousands)	$147,529	$120,509	$12,706	$175	$3,952	$1,578	$8,609
Number of institutions	11	9	2	3	3	3	3
Private institutions:							
Obligations (thousands)	$73,125	$66,727	$712	$31	$3,625	$94	$1,936
Number of institutions	6	6	1	2	4	1	2
New York:							
Public institutions:							
Obligations (thousands)	$186,393	$169,153	$421	$978	$6,995	$1,370	$7,476
Number of institutions	50	41	3	18	20	14	15
Private institutions:							
Obligations (thousands)	$876,725	$772,356	$42,490	$889	$34,224	$967	$25,799
Number of institutions	52	46	5	16	31	14	16
Pennsylvania:							
Public institutions:							
Obligations (thousands)	$384,819	$339,375	$636	$415	$7,309	$209	$36,875
Number of institutions	14	12	2	7	6	2	6
Private institutions:							
Obligations (thousands)	$401,700	$368,718	$10,899	$1,058	$15,732	$980	$4,313
Number of institutions	49	39	5	22	18	9	10
East North Central, total:							
Public institutions:							
Obligations (thousands)	$1,280,938	$1,104,821	$35,745	$2,231	$44,798	$8,837	$84,506
Number of institutions	77	62	13	36	41	24	33
Private institutions:							
Obligations (thousands)	$424,828	$381,566	$1,519	$3,465	$20,124	$353	$17,801
Number of institutions	80	60	3	31	37	7	12
Illinois:							
Public institutions:							
Obligations (thousands)	$225,782	$196,830	$325	$833	$9,217	$1,228	$17,349
Number of institutions	25	17	2	12	12	5	6
Private institutions:							
Obligations (thousands)	$231,314	$205,266	$1,449	$2,262	$13,113	$184	$9,040
Number of institutions	26	17	2	10	16	4	5
Indiana:							
Public institutions:							
Obligations (thousands)	$190,855	$157,407	$13,316	$150	$5,066	$221	$14,695
Number of institutions	4	4	2	2	4	2	2
Private institutions:							
Obligations (thousands)	$16,106	$15,263	$70	$420	$323	$15	$15
Number of institutions	14	9	1	7	6	1	1
Michigan:							
Public institutions:							
Obligations (thousands)	$422,343	$365,417	$16,180	$633	$17,124	$1,063	$21,926
Number of institutions	18	13	3	8	9	4	8
Private institutions:							
Obligations (thousands)	$4,404	$3,555	$0	$471	$30	$0	$348
Number of institutions	11	10	0	5	3	0	1
Ohio:							
Public institutions:							
Obligations (thousands)	$205,790	$177,443	$1,086	$302	$5,453	$5,753	$15,753
Number of institutions	18	17	4	9	11	10	14
Private institutions:							
Obligations (thousands)	$143,228	$129,904	$0	$122	$4,809	$126	$8,267
Number of institutions	19	17	0	4	9	1	3
Wisconsin:							
Public institutions:							
Obligations (thousands)	$236,168	$207,724	$4,838	$313	$7,938	$572	$14,783
Number of institutions	12	11	2	5	5	3	3
Private institutions:							
Obligations (thousands)	$29,776	$27,578	$0	$190	$1,849	$28	$131
Number of institutions	10	7	0	5	3	1	2

See explanatory information, if any, and SOURCE at end of table.

Table B-37. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
West North Central, total:							
Public institutions:							
Obligations (thousands)	$588,644	$478,213	$7,619	$4,955	$22,308	$1,145	$74,404
Number of institutions	52	49	8	23	29	12	22
Private institutions:							
Obligations (thousands)	$172,541	$157,457	$84	$871	$12,163	$76	$1,890
Number of institutions	50	32	1	26	17	5	7
Iowa:							
Public institutions:							
Obligations (thousands)	$152,003	$130,643	$592	$333	$6,553	$433	$13,449
Number of institutions	4	4	2	3	2	2	3
Private institutions:							
Obligations (thousands)	$2,484	$1,695	$0	$203	$566	$10	$10
Number of institutions	16	11	0	8	1	1	1
Kansas:							
Public institutions:							
Obligations (thousands)	$74,793	$62,468	$1,312	$106	$1,792	$72	$9,043
Number of institutions	7	7	1	4	4	3	3
Private institutions:							
Obligations (thousands)	$111	$0	$0	$111	$0	$0	$0
Number of institutions	3	0	0	3	0	0	0
Minnesota:							
Public institutions:							
Obligations (thousands)	$195,736	$169,677	$526	$288	$8,327	$165	$16,753
Number of institutions	9	9	1	4	3	1	1
Private institutions:							
Obligations (thousands)	$2,838	$1,751	$0	$319	$112	$0	$656
Number of institutions	14	11	0	7	8	0	2
Missouri:							
Public institutions:							
Obligations (thousands)	$66,715	$48,171	$0	$291	$2,550	$343	$15,360
Number of institutions	14	13	0	5	8	3	6
Private institutions:							
Obligations (thousands)	$162,058	$149,214	$84	$148	$11,356	$49	$1,207
Number of institutions	9	4	1	5	5	3	3
Nebraska:							
Public institutions:							
Obligations (thousands)	$45,976	$36,642	$0	$36	$859	$114	$8,325
Number of institutions	7	6	0	3	4	1	4
Private institutions:							
Obligations (thousands)	$4,579	$4,435	$0	$40	$70	$17	$17
Number of institutions	2	2	0	1	1	1	1
North Dakota:							
Public institutions:							
Obligations (thousands)	$37,196	$20,859	$4,340	$3,867	$1,538	$13	$6,579
Number of institutions	5	4	3	3	4	1	3
Private institutions:							
Obligations (thousands)	$162	$136	$0	$0	$26	$0	$0
Number of institutions	2	1	0	0	1	0	0
South Dakota:							
Public institutions:							
Obligations (thousands)	$16,225	$9,753	$849	$34	$689	$5	$4,895
Number of institutions	6	6	1	1	4	1	2
Private institutions:							
Obligations (thousands)	$309	$226	$0	$50	$33	$0	$0
Number of institutions	4	3	0	2	1	0	0
South Atlantic, total:							
Public institutions:							
Obligations (thousands)	$1,131,673	$933,322	$22,353	$2,917	$49,663	$8,676	$114,742
Number of institutions	114	89	16	41	63	47	51
Private institutions:							
Obligations (thousands)	$1,250,867	$1,009,666	$14,897	$2,344	$50,259	$3,870	$169,831
Number of institutions	74	54	7	25	31	24	27

See explanatory information, if any, and SOURCE at end of table.

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Table B-37. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Delaware:							
Public institutions:							
Obligations (thousands)	$31,341	$24,421	$0	$0	$979	$166	$5,775
Number of institutions	3	3	0	0	3	2	2
District of Columbia:							
Public institutions:							
Obligations (thousands)	$3,387	$2,149	$0	$0	$318	$15	$905
Number of institutions	1	1	0	0	1	1	1
Private institutions:							
Obligations (thousands)	$120,658	$107,708	$412	$42	$4,485	$471	$7,540
Number of institutions	7	6	1	2	6	6	6
Florida:							
Public institutions:							
Obligations (thousands)	$199,861	$157,601	$14,542	$498	$10,531	$1,962	$14,727
Number of institutions	16	11	3	9	9	7	7
Private institutions:							
Obligations (thousands)	$77,426	$72,416	$0	$216	$3,278	$638	$878
Number of institutions	13	7	0	6	6	4	4
Georgia:							
Public institutions:							
Obligations (thousands)	$143,090	$121,854	$2,436	$173	$2,700	$367	$15,560
Number of institutions	18	12	3	5	8	4	6
Private institutions:							
Obligations (thousands)	$112,765	$85,779	$512	$1,526	$18,034	$1,733	$5,181
Number of institutions	11	10	2	3	6	6	5
Maryland:							
Public institutions:							
Obligations (thousands)	$160,344	$142,861	$1,553	$228	$4,689	$1,236	$9,777
Number of institutions	22	18	4	8	11	10	8
Private institutions:							
Obligations (thousands)	$701,823	$544,416	$45	$123	$16,397	$170	$140,672
Number of institutions	8	7	1	3	3	1	1
North Carolina:							
Public institutions:							
Obligations (thousands)	$251,667	$207,444	$952	$1,374	$15,429	$3,312	$23,156
Number of institutions	19	15	2	10	13	8	11
Private institutions:							
Obligations (thousands)	$194,211	$177,744	$4,278	$231	$7,637	$711	$3,610
Number of institutions	14	9	2	6	4	4	5
South Carolina:							
Public institutions:							
Obligations (thousands)	$71,013	$55,929	$350	$151	$2,247	$691	$11,645
Number of institutions	10	8	1	3	6	5	5
Private institutions:							
Obligations (thousands)	$1,262	$1,028	$0	$64	$4	$83	$83
Number of institutions	7	5	0	2	1	2	2
Virginia:							
Public institutions:							
Obligations (thousands)	$214,681	$183,110	$1,033	$415	$11,221	$884	$18,018
Number of institutions	18	15	2	3	10	8	9
Private institutions:							
Obligations (thousands)	$18,821	$17,475	$0	$142	$424	$64	$716
Number of institutions	12	8	0	3	5	1	3
West Virginia:							
Public institutions:							
Obligations (thousands)	$56,289	$37,953	$1,487	$78	$1,549	$43	$15,179
Number of institutions	7	6	1	3	2	2	2
Private institutions:							
Obligations (thousands)	$23,901	$3,100	$9,650	$0	$0	$0	$11,151
Number of institutions	2	2	1	0	0	0	1

See explanatory information, if any, and SOURCE at end of table.

Table B-37. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
East South Central, total:							
Public institutions:							
Obligations (thousands)	$414,945	$325,202	$11,752	$1,091	$16,226	$2,365	$58,309
Number of institutions	48	39	5	21	30	17	22
Private institutions:							
Obligations (thousands)	$113,739	$98,523	$0	$298	$9,709	$1,578	$3,631
Number of institutions	27	20	0	7	15	9	10
Alabama:							
Public institutions:							
Obligations (thousands)	$186,167	$153,221	$10,002	$386	$7,958	$522	$14,078
Number of institutions	17	12	2	8	10	5	8
Private institutions:							
Obligations (thousands)	$12,111	$7,521	$0	$60	$850	$976	$2,704
Number of institutions	8	5	0	1	6	4	5
Kentucky:							
Public institutions:							
Obligations (thousands)	$76,800	$58,658	$0	$201	$3,267	$547	$14,127
Number of institutions	7	7	0	4	3	2	3
Private institutions:							
Obligations (thousands)	$219	$160	$0	$25	$34	$0	$0
Number of institutions	4	3	0	1	2	0	0
Mississippi:							
Public institutions:							
Obligations (thousands)	$70,545	$51,121	$190	$230	$2,792	$923	$15,289
Number of institutions	11	9	1	4	8	5	5
Private institutions:							
Obligations (thousands)	$1,392	$188	$0	$10	$426	$384	$384
Number of institutions	4	1	0	1	3	2	2
Tennessee:							
Public institutions:							
Obligations (thousands)	$81,433	$62,202	$1,560	$274	$2,209	$373	$14,815
Number of institutions	13	11	2	5	9	5	6
Private institutions:							
Obligations (thousands)	$100,017	$90,654	$0	$203	$8,399	$218	$543
Number of institutions	11	11	0	4	4	3	3
West South Central, total:							
Public institutions:							
Obligations (thousands)	$770,555	$623,819	$15,489	$2,547	$29,122	$7,282	$92,296
Number of institutions	77	66	8	24	49	30	39
Private institutions:							
Obligations (thousands)	$166,494	$156,384	$426	$359	$5,726	$427	$3,172
Number of institutions	30	23	2	9	14	8	11
Arkansas:							
Public institutions:							
Obligations (thousands)	$50,328	$32,183	$3,093	$223	$3,342	$1,116	$10,371
Number of institutions	10	10	1	5	7	3	5
Private institutions:							
Obligations (thousands)	$482	$284	$0	$55	$4	$0	$139
Number of institutions	4	2	0	2	1	0	1
Louisiana:							
Public institutions:							
Obligations (thousands)	$94,611	$67,369	$10,000	$137	$4,300	$2,451	$10,354
Number of institutions	12	12	1	3	10	5	5
Private institutions:							
Obligations (thousands)	$29,732	$28,831	$0	$24	$802	$14	$61
Number of institutions	6	6	0	1	2	1	2
Oklahoma:							
Public institutions:							
Obligations (thousands)	$63,045	$42,480	$35	$1,549	$1,971	$348	$16,662
Number of institutions	12	9	1	4	5	3	4
Private institutions:							
Obligations (thousands)	$2,786	$2,597	$0	$54	$135	$0	$0
Number of institutions	2	1	0	2	1	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-37. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Texas:							
Public institutions:							
Obligations (thousands)	$562,571	$481,787	$2,361	$638	$19,509	$3,367	$54,909
Number of institutions	43	35	5	12	27	19	25
Private institutions:							
Obligations (thousands)	$133,494	$124,672	$426	$226	$4,785	$413	$2,972
Number of institutions	18	14	2	4	10	7	8
Mountain, total:							
Public institutions:							
Obligations (thousands)	$737,234	$658,476	$5,078	$1,641	$27,636	$5,043	$39,360
Number of institutions	51	46	11	17	25	18	20
Private institutions:							
Obligations (thousands)	$14,007	$12,809	$0	$87	$797	$223	$91
Number of institutions	11	9	0	2	6	2	3
Arizona:							
Public institutions:							
Obligations (thousands)	$159,650	$144,385	$1,302	$239	$7,271	$471	$5,982
Number of institutions	9	8	1	4	3	3	3
Private institutions:							
Obligations (thousands)	$37	$37	$0	$0	$0	$0	$0
Number of institutions	1	1	0	0	0	0	0
Colorado:							
Public institutions:							
Obligations (thousands)	$223,136	$201,379	$878	$220	$11,491	$3,190	$5,978
Number of institutions	11	9	2	5	5	4	4
Private institutions:							
Obligations (thousands)	$7,544	$7,108	$0	$43	$276	$36	$81
Number of institutions	4	3	0	1	3	1	2
Idaho:							
Public institutions:							
Obligations (thousands)	$21,557	$16,545	$485	$0	$562	$176	$3,789
Number of institutions	5	5	1	0	3	1	1
Montana:							
Public institutions:							
Obligations (thousands)	$29,946	$24,347	$888	$58	$537	$97	$4,019
Number of institutions	5	5	1	2	3	2	2
Private institutions:							
Obligations (thousands)	$406	$11	$0	$0	$395	$0	$0
Number of institutions	3	3	0	0	1	0	0
Nevada:							
Public institutions:							
Obligations (thousands)	$29,691	$24,865	$397	$850	$1,372	$251	$1,956
Number of institutions	6	5	2	1	2	2	4
Private institutions:							
Obligations (thousands)	$18	$0	$0	$0	$18	$0	$0
Number of institutions	1	0	0	0	1	0	0
New Mexico:							
Public institutions:							
Obligations (thousands)	$124,793	$112,035	$20	$46	$3,921	$479	$8,292
Number of institutions	6	6	1	1	5	3	3
Private institutions:							
Obligations (thousands)	$80	$80	$0	$0	$0	$0	$0
Number of institutions	1	1	0	0	0	0	0
Utah:							
Public institutions:							
Obligations (thousands)	$127,906	$117,581	$690	$113	$2,182	$335	$7,005
Number of institutions	6	6	2	1	2	2	2
Private institutions:							
Obligations (thousands)	$5,922	$5,573	$0	$44	$108	$187	$10
Number of institutions	1	1	0	1	1	1	1

See explanatory information, if any, and SOURCE at end of table.

Table B-37. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Wyoming:							
Public institutions:							
Obligations (thousands)	$20,555	$17,339	$418	$115	$300	$44	$2,339
Number of institutions	3	2	1	3	2	1	1
Pacific, total:							
Public institutions:							
Obligations (thousands)	$1,687,401	$1,483,668	$25,064	$2,916	$80,826	$11,816	$83,111
Number of institutions	86	72	19	42	42	29	35
Private institutions:							
Obligations (thousands)	$553,347	$486,193	$24,824	$984	$27,038	$936	$13,372
Number of institutions	50	37	2	15	25	8	11
Alaska:							
Public institutions:							
Obligations (thousands)	$46,410	$34,065	$665	$87	$261	$1,419	$9,913
Number of institutions	3	3	1	2	2	2	3
Private institutions:							
Obligations (thousands)	$152	$152	$0	$0	$0	$0	$0
Number of institutions	1	1	0	0	0	0	0
California:							
Public institutions:							
Obligations (thousands)	$1,098,010	$991,966	$4,725	$2,290	$55,936	$6,496	$36,597
Number of institutions	52	40	11	28	30	19	21
Private institutions:							
Obligations (thousands)	$539,999	$474,583	$24,824	$418	$26,762	$595	$12,817
Number of institutions	31	24	2	8	17	5	7
Hawaii:							
Public institutions:							
Obligations (thousands)	$66,353	$53,488	$3,538	$50	$1,632	$2,280	$5,365
Number of institutions	3	3	2	1	1	2	3
Private institutions:							
Obligations (thousands)	$787	$0	$0	$0	$28	$296	$463
Number of institutions	2	0	0	0	1	1	1
Oregon:							
Public institutions:							
Obligations (thousands)	$148,205	$119,219	$13,056	$237	$8,629	$281	$6,783
Number of institutions	11	10	3	5	4	3	3
Private institutions:							
Obligations (thousands)	$11,308	$10,864	$0	$288	$122	$17	$17
Number of institutions	7	4	0	5	4	1	1
Washington:							
Public institutions:							
Obligations (thousands)	$328,423	$284,930	$3,080	$252	$14,368	$1,340	$24,453
Number of institutions	17	16	2	6	5	3	5
Private institutions:							
Obligations (thousands)	$1,101	$594	$0	$278	$126	$28	$75
Number of institutions	9	8	0	2	3	1	2
Outlying Areas, total:							
Public institutions:							
Obligations (thousands)	$46,331	$27,275	$3	$78	$1,008	$2,650	$15,317
Number of institutions	12	10	1	3	6	6	12
Private institutions:							
Obligations (thousands)	$3,105	$1,890	$0	$0	$563	$326	$326
Number of institutions	9	7	0	0	3	3	3

See explanatory information, if any, and SOURCE at end of table.

Table B-37. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Guam:							
Public institutions:							
Obligations (thousands)	$3,334	$1,438	$0	$0	$0	$383	$1,513
Number of institutions	1	1	0	0	0	1	1
Puerto Rico:							
Public institutions:							
Obligations (thousands)	$36,545	$22,974	$3	$78	$870	$1,922	$10,698
Number of institutions	7	5	1	3	5	4	7
Private institutions:							
Obligations (thousands)	$3,105	$1,890	$0	$0	$563	$326	$326
Number of institutions	9	7	0	0	3	3	3
American Samoa:							
Public institutions:							
Obligations (thousands)	$1,233	$679	$0	$0	$0	$0	$554
Number of institutions	1	1	0	0	0	0	1
Virgin Islands:							
Public institutions:							
Obligations (thousands)	$2,972	$1,210	$0	$0	$138	$345	$1,279
Number of institutions	1	1	0	0	1	1	1
Trust Territory Pacific Islands:							
Public institutions:							
Obligations (thousands)	$2,247	$974	$0	$0	$0	$0	$1,273
Number of institutions	2	2	0	0	0	0	2

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-38. Percentage distribution of Federal obligations for science and engineering (S&E) to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Public institutions	60.0	59.2	58.1	63.6	56.4	82.6	71.0
Private institutions	40.0	40.8	41.9	36.4	43.6	17.4	29.0
New England, total:							
Public institutions	20.0	18.0	51.5	28.3	11.2	68.1	56.3
Private institutions	80.0	82.0	48.5	71.7	88.8	31.9	43.7
Connecticut:							
Public institutions	24.7	20.0	80.5	24.9	11.4	97.3	71.1
Private institutions	75.3	80.0	19.5	75.1	88.6	2.7	28.9
Maine:							
Public institutions	95.3	94.4	100.0	38.7	91.5	100.0	100.0
Private institutions	4.7	5.6	0	61.3	8.5	0	0
Massachusetts:							
Public institutions	10.3	10.2	1.2	33.8	6.1	25.9	22.2
Private institutions	89.7	89.8	98.8	66.2	93.9	74.1	77.8
New Hampshire:							
Public institutions	36.8	34.1	0	19.8	25.7	42.5	91.6
Private institutions	63.2	65.9	0	80.2	74.3	57.5	8.4
Rhode Island:							
Public institutions	40.1	34.7	95.0	0	18.9	100.0	85.4
Private institutions	59.9	65.3	5.0	100.0	81.1	0	14.6
Vermont:							
Public institutions	94.8	94.7	0	0	99.7	100.0	96.4
Private institutions	5.2	5.3	0	100.0	.3	0	3.6
Middle Atlantic, total:							
Public institutions	34.7	34.2	20.3	44.2	25.4	60.7	62.3
Private institutions	65.3	65.8	79.7	55.8	74.6	39.3	37.7
New Jersey:							
Public institutions	66.9	64.4	94.7	85.0	52.2	94.4	81.6
Private institutions	33.1	35.6	5.3	15.0	47.8	5.6	18.4
New York:							
Public institutions	17.5	18.0	1.0	52.4	17.0	58.6	22.5
Private institutions	82.5	82.0	99.0	47.6	83.0	41.4	77.5
Pennsylvania:							
Public institutions	48.9	47.9	5.5	28.2	31.7	17.6	89.5
Private institutions	51.1	52.1	94.5	71.8	68.3	82.4	10.5
East North Central, total:							
Public institutions	75.1	74.3	95.9	39.2	69.0	96.2	82.6
Private institutions	24.9	25.7	4.1	60.8	31.0	3.8	17.4
Illinois:							
Public institutions	49.4	49.0	18.3	26.9	41.3	87.0	65.7
Private institutions	50.6	51.0	81.7	73.1	58.7	13.0	34.3
Indiana:							
Public institutions	92.2	91.2	99.5	26.3	94.0	93.6	99.9
Private institutions	7.8	8.8	.5	73.7	6.0	6.4	.1
Michigan:							
Public institutions	99.0	99.0	100.0	57.3	99.8	100.0	98.4
Private institutions	1.0	1.0	0	42.7	.2	0	1.6
Ohio:							
Public institutions	59.0	57.7	100.0	71.2	53.1	97.9	65.6
Private institutions	41.0	42.3	0	28.8	46.9	2.1	34.4
Wisconsin:							
Public institutions	88.8	88.3	100.0	62.2	81.1	95.3	99.1
Private institutions	11.2	11.7	0	37.8	18.9	4.7	.9

See explanatory information, if any, and SOURCE at end of table.

Table B-38. Percentage distribution of Federal obligations for science and engineering (S&E) to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
West North Central, total:							
Public institutions	77.3	75.2	98.9	85.0	64.7	93.8	97.5
Private institutions	22.7	24.8	1.1	15.0	35.3	6.2	2.5
Iowa:							
Public institutions	98.4	98.7	100.0	62.1	92.0	97.7	99.9
Private institutions	1.6	1.3	0	37.9	8.0	2.3	.1
Kansas:							
Public institutions	99.9	100.0	100.0	48.8	100.0	100.0	100.0
Private institutions	.1	0	0	51.2	0	0	0
Minnesota:							
Public institutions	98.6	99.0	100.0	47.4	98.7	100.0	96.2
Private institutions	1.4	1.0	0	52.6	1.3	0	3.8
Missouri:							
Public institutions	29.2	24.4	0	66.3	18.3	87.5	92.7
Private institutions	70.8	75.6	100.0	33.7	81.7	12.5	7.3
Nebraska:							
Public institutions	90.9	89.2	0	47.4	92.5	87.0	99.8
Private institutions	9.1	10.8	0	52.6	7.5	13.0	.2
North Dakota:							
Public institutions	99.6	99.4	100.0	100.0	98.3	100.0	100.0
Private institutions	.4	.6	0	0	1.7	0	0
South Dakota:							
Public institutions	98.1	97.7	100.0	40.5	95.4	100.0	100.0
Private institutions	1.9	2.3	0	59.5	4.6	0	0
South Atlantic, total:							
Public institutions	47.5	48.0	60.0	55.4	49.7	69.2	40.3
Private institutions	52.5	52.0	40.0	44.6	50.3	30.8	59.7
Delaware:							
Public institutions	100.0	100.0	0	0	100.0	100.0	100.0
District of Columbia:							
Public institutions	2.7	2.0	0	0	6.6	3.1	10.7
Private institutions	97.3	98.0	100.0	100.0	93.4	96.9	89.3
Florida:							
Public institutions	72.1	68.5	100.0	69.7	76.3	75.5	94.4
Private institutions	27.9	31.5	0	30.3	23.7	24.5	5.6
Georgia:							
Public institutions	55.9	58.7	82.6	10.2	13.0	17.5	75.0
Private institutions	44.1	41.3	17.4	89.8	87.0	82.5	25.0
Maryland:							
Public institutions	18.6	20.8	97.2	65.0	22.2	87.9	6.5
Private institutions	81.4	79.2	2.8	35.0	77.8	12.1	93.5
North Carolina:							
Public institutions	56.4	53.9	18.2	85.6	66.9	82.3	86.5
Private institutions	43.6	46.1	81.8	14.4	33.1	17.7	13.5
South Carolina:							
Public institutions	98.3	98.2	100.0	70.2	99.8	89.3	99.3
Private institutions	1.7	1.8	0	29.8	.2	10.7	.7
Virginia:							
Public institutions	91.9	91.3	100.0	74.5	96.4	93.2	96.2
Private institutions	8.1	8.7	0	25.5	3.6	6.8	3.8
West Virginia:							
Public institutions	70.2	92.4	13.4	100.0	100.0	100.0	57.6
Private institutions	29.8	7.6	86.6	0	0	0	42.4

See explanatory information, if any, and SOURCE at end of table.

Table B-38. Percentage distribution of Federal obligations for science and engineering (S&E) to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
East South Central, total:							
Public institutions	78.5	76.7	100.0	78.5	62.6	60.0	94.1
Private institutions	21.5	23.3	0	21.5	37.4	40.0	5.9
Alabama:							
Public institutions	93.9	95.3	100.0	86.5	90.3	34.8	83.9
Private institutions	6.1	4.7	0	13.5	9.7	65.2	16.1
Kentucky:							
Public institutions	99.7	99.7	0	88.9	99.0	100.0	100.0
Private institutions	.3	.3	0	11.1	1.0	0	0
Mississippi:							
Public institutions	98.1	99.6	100.0	95.8	86.8	70.6	97.5
Private institutions	1.9	.4	0	4.2	13.2	29.4	2.5
Tennessee:							
Public institutions	44.9	40.7	100.0	57.4	20.8	63.1	96.5
Private institutions	55.1	59.3	0	42.6	79.2	36.9	3.5
West South Central, total:							
Public institutions	82.2	80.0	97.3	87.6	83.6	94.5	96.7
Private institutions	17.8	20.0	2.7	12.4	16.4	5.5	3.3
Arkansas:							
Public institutions	99.1	99.1	100.0	80.2	99.9	100.0	98.7
Private institutions	.9	.9	0	19.8	.1	0	1.3
Louisiana:							
Public institutions	76.1	70.0	100.0	85.1	84.3	99.4	99.4
Private institutions	23.9	30.0	0	14.9	15.7	.6	.6
Oklahoma:							
Public institutions	95.8	94.2	100.0	96.6	93.6	100.0	100.0
Private institutions	4.2	5.8	0	3.4	6.4	0	0
Texas:							
Public institutions	80.8	79.4	84.7	73.8	80.3	89.1	94.9
Private institutions	19.2	20.6	15.3	26.2	19.7	10.9	5.1
Mountain, total:							
Public institutions	98.1	98.1	100.0	95.0	97.2	95.8	99.8
Private institutions	1.9	1.9	0	5.0	2.8	4.2	.2
Arizona:							
Public institutions	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Private institutions	0	0	0	0	0	0	0
Colorado:							
Public institutions	96.7	96.6	100.0	83.7	97.7	98.9	98.7
Private institutions	3.3	3.4	0	16.3	2.3	1.1	1.3
Idaho:							
Public institutions	100.0	100.0	100.0	0	100.0	100.0	100.0
Montana:							
Public institutions	98.7	100.0	100.0	100.0	57.6	100.0	100.0
Private institutions	1.3	0	0	0	42.4	0	0
Nevada:							
Public institutions	99.9	100.0	100.0	100.0	98.7	100.0	100.0
Private institutions	.1	0	0	0	1.3	0	0
New Mexico:							
Public institutions	99.9	99.9	100.0	100.0	100.0	100.0	100.0
Private institutions	.1	.1	0	0	0	0	0
Utah:							
Public institutions	95.6	95.5	100.0	72.0	95.3	64.2	99.9
Private institutions	4.4	4.5	0	28.0	4.7	35.8	.1

See explanatory information, if any, and SOURCE at end of table.

Table B-38. Percentage distribution of Federal obligations for science and engineering (S&E) to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1993

Geographic division, State, and type of institutional control	Total, S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Wyoming:							
Public institutions	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pacific, total:							
Public institutions	75.3	75.3	50.2	74.8	74.9	92.7	86.1
Private institutions	24.7	24.7	49.8	25.2	25.1	7.3	13.9
Alaska:							
Public institutions	99.7	99.6	100.0	100.0	100.0	100.0	100.0
Private institutions	.3	.4	0	0	0	0	0
California:							
Public institutions	67.0	67.6	16.0	84.6	67.6	91.6	74.1
Private institutions	33.0	32.4	84.0	15.4	32.4	8.4	25.9
Hawaii:							
Public institutions	98.8	100.0	100.0	100.0	98.3	88.5	92.1
Private institutions	1.2	0	0	0	1.7	11.5	7.9
Oregon:							
Public institutions	92.9	91.6	100.0	45.1	98.6	94.3	99.7
Private institutions	7.1	8.4	0	54.9	1.4	5.7	.2
Washington:							
Public institutions	99.7	99.8	100.0	47.5	99.1	98.0	99.7
Private institutions	.3	.2	0	52.5	.9	2.0	.3
Outlying Areas, total:							
Public institutions	93.7	93.5	100.0	100.0	64.2	89.0	97.9
Private institutions	6.3	6.5	0	0	35.8	11.0	2.1
Guam:							
Public institutions	100.0	100.0	0	0	0	100.0	100.0
Puerto Rico:							
Public institutions	92.2	92.4	100.0	100.0	60.7	85.5	97.0
Private institutions	7.8	7.6	0	0	39.3	14.5	3.0
American Samoa:							
Public institutions	100.0	100.0	0	0	0	0	100.0
Virgin Islands:							
Public institutions	100.0	100.0	0	0	100.0	100.0	100.0
Trust Territory Pacific Islands:							
Public institutions	100.0	100.0	0	0	0	0	100.0

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-39. Federal obligations for science and engineering to the 100 public universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	7,635,510	876,806	98,314	827,337	120,817	437,466	114,114	3,346,144	488,143	1,177,088	149,281
1 University of Washington	279,832	5,433	4,892	35,291	678	13,980	933	166,023	9,542	40,205	2,855
2 University of Michigan	233,908	580	774	20,221	235	8,748	4,552	147,507	11,366	36,003	3,922
3 U CA San Diego	217,412	1,150	75	24,127	8	10,523	0	122,470	16,756	38,663	3,640
4 U WI Madison	216,148	23,758	276	10,861	3,129	20,698	1,172	102,484	11,101	42,039	630
5 Pennsylvania State U	210,865	24,377	115	97,443	1,372	5,866	1,300	38,867	13,664	19,055	8,806
6 U CA Los Angeles	207,871	363	0	14,172	2,956	21,835	360	139,175	9,116	19,413	481
7 University of Minnesota	194,575	21,943	154	15,600	4,833	6,291	2,438	107,405	3,825	30,160	1,926
8 U CA San Francisco	187,598	0	0	2,708	228	3,291	50	177,357	1,039	2,925	0
9 U CA Berkeley	162,396	23,466	68	6,141	1,289	3,068	313	58,164	22,816	44,832	2,239
10 University of Colorado	157,755	295	12,546	7,774	659	4,779	1,224	86,769	17,450	25,829	430
Total 1st 10 institutions	2,068,360	101,365	18,900	234,338	15,387	99,079	12,342	1,146,221	116,675	299,124	24,929
11 U TX Austin	146,743	403	198	81,184	1,216	14,737	772	17,706	9,719	19,752	1,056
12 University of Pittsburgh	142,562	75	0	6,681	3,755	1,605	225	117,975	2,127	10,077	42
13 U NC Chapel Hill	141,698	796	41	3,598	2,219	1,381	6,120	116,007	269	10,089	1,178
14 U IL Urbana Champaign	138,304	21,331	50	14,370	3,075	12,231	45	22,887	3,675	60,374	266
15 University of Arizona	121,160	8,629	226	9,787	2,515	3,514	1,285	51,361	21,745	19,944	2,154
16 U Alabama Birmingham	106,141	655	99	2,537	750	10,329	622	80,040	4,623	6,486	0
17 Ohio State University	104,657	22,525	1,722	5,908	3,772	4,563	276	38,038	4,561	17,220	6,072
18 Indiana University	99,726	2,354	530	2,655	1,310	14,135	282	56,191	907	20,539	823
19 Michigan State University	98,658	40,425	0	1,543	2,002	5,762	587	21,755	284	26,090	210
20 University of Florida	95,915	17,720	1,813	10,839	3,444	3,133	1,133	41,987	4,454	9,716	1,676
Total 1st 20 institutions	3,263,924	216,278	23,579	373,440	39,445	170,469	23,689	1,710,168	169,039	499,411	38,406
21 University of Iowa	93,405	475	207	3,452	1,517	709	60	73,733	5,497	6,313	1,442
22 U CA Davis	92,923	9,356	0	1,555	356	14,827	1,969	46,942	1,712	15,731	475
23 Texas A&M University	90,042	32,542	2,598	7,206	0	4,546	1,614	14,530	4,541	20,202	2,263
24 Purdue University	89,899	22,247	161	8,726	10	11,189	277	22,091	3,029	20,469	1,700
25 University of Virginia	86,929	3	495	5,654	21	3,140	445	52,368	8,534	14,763	1,506
26 U MD College Park	85,730	11,079	4,680	11,872	165	7,887	1,995	7,155	17,783	22,815	299
27 Rutgers the St U of NJ	83,492	11,813	1,610	14,855	1,503	3,696	1,291	23,591	1,824	16,005	7,304
28 University of Utah	82,458	300	241	8,320	0	4,365	2,000	50,656	1,577	13,137	1,862
29 Louisiana State U	81,596	13,516	1,171	14,801	377	12,703	3,620	25,801	1,570	5,266	2,771
30 NC State U Raleigh	71,590	26,842	2,652	7,130	784	2,497	4,488	6,768	3,554	15,619	1,256
Total 1st 30 institutions	4,121,988	344,451	37,394	457,011	44,178	236,028	41,448	2,033,803	218,660	649,731	59,284
31 University of Georgia	68,180	24,230	1,402	1,450	1,728	14,463	1,344	11,563	1,014	10,986	0
32 U TX SW Med Ctr Dallas	65,314	237	0	52	0	0	0	62,342	2,194	489	0
33 Oregon State University	65,003	20,437	2,441	6,714	0	1,311	2,923	7,522	3,321	16,797	3,537
34 U CA Irvine	64,050	0	0	6,029	8	4,963	185	39,179	1,984	11,702	0
35 SUNY at Stony Brook	62,504	14	0	3,437	0	5,417	145	33,772	2,205	17,494	20
36 University of Connecticut	61,392	5,863	5,341	1,917	1,920	10,665	1,764	28,376	239	5,044	263
37 University of New Mexico	60,999	16	0	31,125	893	1,659	140	14,676	3,939	8,480	71
38 University of Kentucky	60,649	18,008	56	597	1,050	4,831	669	26,989	474	7,443	532
39 U IL Chicago	58,450	248	2,102	3,837	525	1,280	239	43,611	310	6,298	0
40 Iowa State University	56,984	27,303	440	1,874	506	5,912	1,063	5,476	1,540	7,325	5,545
Total 1st 40 institutions	4,745,513	440,807	49,176	514,043	50,808	286,529	49,920	2,307,309	235,880	741,789	69,252
41 University of Cincinnati	56,185	0	0	3,892	0	637	5,349	41,011	2,332	2,936	28
42 U CA Santa Barbara	54,855	298	621	13,356	475	3,891	681	6,330	4,120	23,484	1,599
43 New Mexico State U	54,072	7,008	59	13,506	38	4,973	65	2,464	21,757	3,467	735
44 Colorado State University	53,949	12,592	138	4,039	403	2,934	1,030	18,041	2,660	9,104	3,008
45 U Med & Dent of NJ	53,773	0	0	81	299	10,065	440	41,201	362	1,325	0
46 West Virginia U Morgantwn	53,508	9,643	0	10,838	0	7,060	3,500	7,300	10,411	2,688	2,068
47 U Hawaii Manoa	53,286	11,091	0	3,448	1,711	258	35	13,458	9,308	13,581	396
48 U MD Baltimore	52,466	0	75	2,065	0	0	590	49,093	0	643	0
49 Oregon Hlth Sciences U	52,299	150	0	77	0	10,000	119	41,346	0	607	0
50 Georgia Institute of Tech	51,953	0	244	35,493	82	1,107	3,480	2,712	7,526	0	1,309
Total 1st 50 institutions	5,281,859	481,589	50,313	600,838	53,816	327,454	65,209	2,530,265	294,356	799,624	78,395

See explanatory information, if any, and SOURCE at end of table.

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Table B-39. Federal obligations for science and engineering to the 100 public universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
51 VA Polytech Inst & St U	48,887	17,195	168	7,952	12	3,081	949	2,889	4,427	9,513	2,701
52 U TX Hlth Sci Ctr S Anto	48,415	0	0	449	0	0	0	46,962	209	795	0
53 Virginia Commonwealth U	44,029	124	0	871	372	234	42	40,959	543	834	50
54 Utah State University	44,002	6,426	85	25,423	756	21	53	4,594	1,939	2,337	2,368
55 U Alaska Fairbanks	43,385	3,137	2,709	770	0	472	395	565	20,061	13,476	1,800
56 U TX MD Anderson Cancer	43,219	212	0	151	0	0	64	42,512	100	180	0
57 Wayne State University	42,735	0	64	1,961	1,021	525	310	35,385	521	2,948	0
58 U Tennessee Knoxville	42,026	18,042	0	3,070	0	10,247	406	4,485	752	4,923	101
59 Florida State University	41,966	183	738	1,935	754	9,657	16	4,103	2,057	22,483	40
60 U Missouri Columbia	41,937	20,599	0	1,253	0	1,584	195	13,691	242	3,942	431
Total 1st 60 institutions	5,722,460	547,507	54,077	644,673	56,731	353,275	67,639	2,726,410	325,207	861,055	85,886
61 U MA Amherst	40,237	8,762	0	9,630	0	1,028	103	6,108	1,651	12,824	131
62 U TX Hlth Sci Ctr Houstn	38,753	212	0	446	0	376	479	35,957	535	748	0
63 Washington State U	38,649	16,684	180	2,956	161	2,636	448	8,649	323	5,574	1,038
64 University of Vermont	38,481	6,989	0	296	263	539	411	28,123	193	1,298	369
65 SUNY at Buffalo	37,598	351	0	557	0	730	545	25,666	428	9,321	0
66 U MA Worcester	36,639	248	0	517	0	0	0	34,911	0	963	0
67 University of Kansas	36,427	134	0	1,614	1,628	849	206	24,050	1,270	6,409	267
68 Kansas State University	35,374	15,013	0	8,250	41	2,937	1,854	2,703	1,056	3,194	326
69 Mississippi State U	33,255	22,275	0	1,657	1,051	2,171	179	424	1,178	4,062	258
70 U Nebraska Lincoln	31,481	16,185	0	1,308	96	128	432	3,449	882	8,760	241
Total 1st 70 institutions	6,089,354	634,360	54,257	671,904	59,971	364,669	72,296	2,896,450	332,723	914,208	88,516
71 Oklahoma State University	29,838	12,912	0	3,930	0	384	429	1,346	7,125	3,361	351
72 U TX Med Brnch Galveston	29,748	0	0	178	47	316	612	27,856	579	160	0
73 Arizona State U Main	28,933	166	25	4,614	320	1,326	458	6,647	2,388	12,719	270
74 Auburn University	28,391	15,573	45	2,762	0	730	372	1,618	3,765	1,969	1,557
75 University of Delaware	28,256	3,824	1,649	4,617	2,225	1,174	559	3,097	1,390	9,070	651
76 University of Oklahoma	27,419	145	111	1,166	714	4,806	518	14,040	595	4,603	721
77 Cnsrtm Intl Earth Sci Info	27,000	0	0	0	0	0	0	0	27,000	0	0
78 University of Oregon	26,253	419	0	1,166	5,411	2,562	0	10,326	243	5,495	631
79 Temple University	25,983	0	0	354	2,096	431	0	21,660	0	1,441	1
80 U New Hampshire	25,270	4,477	626	486	150	820	1,087	3,312	10,463	3,571	278
Total 1st 80 institutions	6,366,445	671,876	56,713	691,177	70,934	377,218	76,331	2,986,352	386,271	956,597	92,976
81 U Rhode Island	24,386	3,733	2,636	2,079	263	70	1,354	3,472	1,234	9,042	503
82 Clemson University	24,271	13,324	0	3,352	125	2,717	0	370	967	2,478	938
83 U Alabama Huntsville	22,123	0	102	5,163	0	190	453	240	14,690	1,285	0
84 Medical U of S Carolina	21,696	122	0	0	0	2,800	0	18,679	0	95	0
85 U of Houston	21,016	150	190	877	0	995	195	6,287	6,856	5,451	15
86 MT State U Bozeman	20,509	8,745	0	929	65	46	336	2,016	529	7,229	614
87 U Arkansas Main	20,479	10,658	0	3,276	1,917	200	63	608	84	2,461	1,212
88 University of Wyoming	20,456	5,185	0	1,541	200	1,031	520	1,358	548	5,148	4,925
89 U Tennessee Memphis	20,394	0	0	290	0	0	0	19,094	257	753	0
90 U CA Santa Cruz	19,921	36	0	2,856	1,488	2,203	0	6,127	1,353	5,808	50
Total 1st 90 institutions	6,581,696	713,829	59,641	711,540	74,992	387,470	79,252	3,044,603	412,789	996,347	101,233
91 U South Carolina	19,737	291	526	3,005	173	1,799	400	6,938	309	5,881	415
92 U CA Riverside	19,563	2,187	0	624	326	1,785	662	7,374	1,835	4,770	0
93 University of Idaho	18,961	10,546	0	326	375	58	663	764	280	3,319	2,630
94 University of N Dakota	17,250	3,441	0	265	0	5,390	1,600	2,066	235	399	3,854
95 University of Mississippi	17,118	1,462	0	1,739	89	3,490	98	7,452	639	885	1,264
96 North Dakota State U	16,803	13,343	0	1,088	0	0	0	544	0	574	1,254
97 San Diego State U	16,322	55	58	1,402	2,574	1,099	0	7,396	338	3,145	255
98 U South Florida	15,614	60	756	1,125	362	105	118	7,478	1,676	2,785	1,149
99 NC Ag & Tech State U	15,286	5,630	0	4,431	0	306	0	280	2,503	748	1,388
100 U PR Mayaguez	15,259	12,253	0	463	0	6	0	0	581	1,855	101
Total 1st 100 institutions	6,753,609	763,097	60,981	726,008	78,891	401,508	82,793	3,084,895	421,185	1,020,708	113,543

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-40. Federal obligations for science and engineering to the 100 private universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	5,089,165	63,742	11,508	1,006,602	35,618	278,694	38,578	2,676,919	248,980	681,286	47,238
1 Johns Hopkins University	701,097	170	260	430,903	2,808	5,487	377	238,017	10,169	12,792	114
2 MA Inst of Technology	276,265	597	4,258	61,801	347	12,721	1,926	56,324	39,100	46,160	3,031
3 Stanford University	268,673	90	50	36,726	90	7,340	5,003	130,382	55,345	31,738	1,909
4 Cornell University	216,602	26,725	108	17,656	0	4,727	245	83,193	8,133	74,806	1,009
5 Columbia U City New York	205,791	10	1,405	9,272	8	15,794	10,091	128,901	6,666	32,750	894
6 University of PA	200,642	697	248	21,921	2,976	7,217	75	147,640	387	19,474	7
7 Harvard University	187,932	127	0	10,064	86	5,532	2,509	138,738	6,564	24,070	242
8 Yale University	182,404	509	0	8,495	25	12,449	0	147,764	1,335	11,827	0
9 Duke University	148,467	745	150	6,919	0	5,720	1,967	117,003	696	14,877	390
10 Washington University	144,275	112	0	3,125	17	2,106	50	126,956	4,054	7,767	88
Total 1st 10 institutions	2,532,148	29,782	6,479	606,882	6,357	129,093	22,243	1,314,918	132,449	276,261	7,684
11 U Southern California	139,412	0	765	37,546	1,759	1,767	100	76,976	4,739	14,362	1,398
12 University of Rochester	131,252	53	0	4,446	0	43,982	0	70,757	1,605	10,409	0
13 California Inst of Tech	117,911	0	119	20,763	21	9,977	262	18,864	14,121	52,511	1,273
14 University of Chicago	111,924	107	108	3,242	188	4,351	0	71,576	6,477	25,875	0
15 Boston University	107,389	50	0	36,070	3,559	3,460	609	52,056	1,615	9,921	49
16 Case Western Reserve U	96,798	252	0	4,760	135	602	0	76,144	6,759	8,086	60
17 Baylor Col of Medicine	92,755	9,000	0	511	0	1,375	169	80,789	911	0	0
18 Northwestern University	90,920	551	0	11,466	1,824	3,546	0	47,984	1,530	20,702	3,317
19 Vanderbilt University	89,140	110	0	5,720	1,619	1,279	0	73,330	2,634	4,306	142
20 New York University	82,332	70	0	5,080	880	3,799	1,018	65,631	359	5,495	0
Total 1st 20 institutions	3,591,981	39,975	7,471	736,486	16,342	203,231	24,401	1,949,025	173,199	427,928	13,923
21 Carnegie Mellon U	76,896	0	83	30,953	17	6,618	422	9,928	4,012	22,957	1,906
22 University of Miami	69,919	0	270	5,758	901	388	223	51,040	2,756	8,580	3
23 Yeshiva University NY	67,942	0	0	317	0	0	0	67,067	0	558	0
24 Emory University	67,482	79	0	1,031	371	317	0	64,051	63	1,570	0
25 Woods Hole Oceangraphic	66,821	0	1,465	27,517	0	1,528	0	120	817	34,790	584
26 Princeton University	65,389	0	296	14,354	17	7,578	155	16,649	4,427	21,818	95
27 Georgetown University	58,418	54	28	8,802	794	0	50	34,221	0	1,003	13,466
28 Tufts University	49,179	11,910	105	1,240	195	1,159	3,400	27,072	253	3,834	11
29 CUNY Mt Sinai Schl of Med	45,262	0	0	0	0	95	0	44,601	384	182	0
30 Dartmouth College	43,641	321	317	3,065	138	742	223	32,210	960	5,655	10
Total 1st 30 institutions	4,202,930	52,339	10,035	829,523	18,775	221,656	28,874	2,295,984	186,871	528,875	29,998
31 Wake Forest University	42,526	3,573	221	65	8	0	0	38,153	60	446	0
32 University of Dayton	41,678	0	0	40,640	4	0	370	87	358	219	0
33 Thomas Jefferson U	39,635	0	0	306	530	261	261	37,942	0	335	0
34 Brown University	36,887	150	41	8,058	8	2,385	0	13,561	2,248	10,261	175
35 Rockefeller University	36,528	0	0	420	0	1,142	120	33,950	41	855	0
36 Medical College PA	36,222	0	0	749	69	10,000	0	25,142	0	262	0
37 George Washington U	30,275	44	225	10,020	1,139	606	204	13,444	3,109	1,272	212
38 Tulane University	27,629	75	0	1,062	12	5,090	375	17,605	168	889	2,353
39 Rice University	27,497	100	0	3,272	17	2,165	600	4,121	2,519	14,703	0
40 Northeastern University	26,935	0	0	17,552	99	404	348	3,433	0	5,099	0
Total 1st 40 institutions	4,548,742	56,281	10,522	911,667	20,661	243,709	31,152	2,483,422	195,374	563,216	32,738
41 Medical College WI	26,545	165	0	0	0	0	89	25,187	247	190	667
42 Howard University	24,967	287	54	8,413	1,102	112	144	4,835	3,626	6,302	92
43 Wheeling Jesuit College	23,769	0	0	0	210	0	0	0	23,559	0	0
44 Rensselaer Polytech Inst	23,327	215	0	8,019	8	2,426	545	1,182	2,281	8,458	193
45 Brandeis University	22,706	0	0	2,788	0	852	0	13,182	397	3,787	1,700
46 Clark Atlanta University	22,439	19	100	2,465	310	13,436	0	1,751	2,677	1,681	0
47 Lehigh University	16,638	205	0	4,174	105	2,674	324	729	385	7,317	725
48 St Louis University	16,395	0	0	168	0	0	0	15,421	151	405	250
49 Syracuse University	16,356	25	0	3,242	0	1,236	0	7,335	490	4,003	25
50 New York Medical College	15,185	156	0	0	1,266	0	0	13,664	0	99	0
Total 1st 50 institutions	4,757,069	57,353	10,676	940,936	23,662	264,445	32,254	2,566,708	229,187	595,458	36,390

See explanatory information, if any, and SOURCE at end of table.

Table B-40. Federal obligations for science and engineering to the 100 private universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
51 University of Notre Dame	15,140	0	58	1,332	46	3,814	125	3,794	526	5,445	0
52 Drexel University	10,847	90	0	2,144	0	208	486	814	907	6,173	25
53 Med Col Hampton Roads	10,767	0	0	0	0	0	0	4,394	163	0	6,210
54 Oregon Grad Inst Sci Tech	10,264	0	0	5,352	0	609	182	1,690	192	2,139	100
55 Marywood College	10,020	0	0	10,000	0	0	0	0	0	20	0
56 Loyola U Chicago	9,885	4	0	214	0	20	242	8,176	0	1,229	0
57 Mercer University	9,492	0	0	8,127	0	0	0	1,295	25	45	0
58 Tuskegee University	9,189	4,368	0	2,378	0	38	0	314	1,562	529	0
59 Boston College	8,655	15	0	3,381	105	197	0	2,705	127	1,944	181
60 Albany Medical College	8,260	0	0	0	0	0	150	8,110	0	0	0
Total 1st 60 institutions	4,859,588	61,830	10,734	973,864	23,813	269,331	33,439	2,598,000	232,689	612,982	42,906
61 Meharry Medical College	7,944	0	0	185	0	173	0	6,593	0	993	0
62 Worcester Polytech Inst	7,635	158	60	4,844	0	255	0	99	128	1,602	489
63 Illinois Inst of Tech	7,435	0	0	2,216	548	138	171	3,246	269	847	0
64 University of Denver	7,222	170	0	1,717	77	137	295	2,323	1,046	1,457	0
65 Hampton University	6,362	0	0	1,014	4	258	119	43	2,668	2,256	0
66 Polytechnic University	6,222	0	0	2,933	0	402	0	0	466	2,421	0
67 Brigham Young University	5,922	124	0	783	64	341	0	1,261	266	3,014	69
68 Clarkson University	5,562	0	0	1,151	49	327	174	302	2,069	1,490	0
69 Finch U Hlth Sci	5,008	0	0	0	0	0	0	4,882	0	126	0
70 Southern Methodist U	4,674	70	0	1,852	16	536	0	867	50	1,283	0
Total 1st 70 institutions	4,923,574	62,352	10,794	990,559	24,571	271,898	34,198	2,617,616	239,651	628,471	43,464
71 Charles Drew U Med & Sci	4,566	0	0	0	200	0	0	4,366	0	0	0
72 Creighton University	4,480	0	0	0	127	105	0	3,791	0	457	0
73 Morehouse School of Med	4,300	0	0	0	0	106	0	3,663	471	60	0
74 Stevens Institute of Tech	4,071	0	0	2,435	4	297	0	0	254	1,056	25
75 Catholic U of America	3,047	136	187	643	0	153	0	546	651	621	110
76 Loma Linda University	2,920	0	0	0	22	0	380	2,498	0	0	20
77 Wesleyan University	2,915	175	38	168	8	130	0	1,390	30	976	0
78 Spelman College	2,859	0	0	1,150	0	0	0	0	1,607	102	0
79 University of Tulsa	2,759	49	0	141	0	1,410	166	239	0	729	25
80 Florida Inst of Tech	2,615	0	139	383	0	0	171	755	180	962	25
Total 1st 80 institutions	4,958,106	62,712	11,158	995,479	24,932	274,099	34,915	2,634,864	242,844	633,434	43,669
81 Morehouse College	2,464	0	0	0	215	0	227	1,857	0	165	0
82 Texas Christian U	2,397	0	0	103	0	0	0	1,498	0	796	0
83 Wellesley College	2,384	0	0	0	0	0	123	883	137	1,241	0
84 Monmouth College NJ	2,372	0	0	2,300	0	0	0	0	0	72	0
85 Fordham University	2,314	0	0	0	4	0	0	1,761	0	549	0
86 Baylor University	2,294	0	0	283	339	0	0	0	209	1,398	65
87 Marquette University	2,196	0	0	0	200	102	0	812	462	560	60
88 Clark University	2,081	0	88	456	0	222	272	217	91	735	0
89 Gallaudet University	2,043	0	0	0	703	0	0	547	127	666	0
90 Wentworth Inst of Tech	1,959	0	0	1,861	0	0	0	0	0	98	0
Total 1st 90 institutions	4,980,610	62,712	11,246	1,000,482	26,393	274,423	35,537	2,642,439	243,870	639,714	43,794
91 American University	1,895	0	5	761	8	0	0	255	101	765	0
92 Xavier University LA	1,891	17	0	89	0	421	365	862	137	0	0
93 Fisk University	1,761	0	0	175	117	0	0	0	857	107	505
94 U of Detroit Mercy	1,621	80	0	144	0	0	1,200	68	0	129	0
95 Teachers Col Columbia U	1,593	0	0	0	231	0	0	1,362	0	0	0
96 Berry College	1,504	0	0	0	4	0	0	0	0	0	1,500
97 Shaw University	1,480	20	0	54	0	0	130	0	36	1,240	0
98 Embry Riddle Aeronautcl U	1,301	0	0	0	200	0	0	111	190	166	634
99 De Paul University	1,272	0	0	23	120	0	0	638	0	491	0
100 Barry University	1,256	0	0	0	195	0	0	1,043	0	18	0
Total 1st 100 institutions	4,996,184	62,829	11,251	1,001,728	27,268	274,844	37,232	2,646,778	245,191	642,630	46,433

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY: Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total	12,724,675	10,940,124	259,421	32,228	524,786	66,087	902,029
Alabama, total	198,278	160,742	10,002	446	8,808	1,498	16,782
Alabama A & M University	9,024	6,444	0	0	828	0	1,752
Alabama Southern Cmty Col	20	0	0	0	20	0	0
Alabama State University	712	12	0	0	212	244	244
Athens State College	15	0	0	15	0	0	0
Auburn University	28,391	18,483	0	68	284	33	9,523
Central Alabama Cmty Col	14	0	0	14	0	0	0
Enterprise State Jr Col	46	0	0	46	0	0	0
Faulkner University	137	137	0	0	0	0	0
Gadsden State Cmty Col	297	297	0	0	0	0	0
Jacksonville State U	454	434	0	20	0	0	0
Miles College	7	0	0	0	7	0	0
Oakwood College	564	0	0	60	12	246	246
Selma University	643	127	0	0	0	258	258
Spring Hill College	3	0	0	0	3	0	0
Stillman College	564	25	0	0	115	212	212
Talladega College	1,004	239	0	0	245	260	260
Trenholm St Tech Col	24	24	0	0	0	0	0
Troy St U Main	275	33	0	0	37	0	205
Tuskegee University	9,189	6,993	0	0	468	0	1,728
U Alabama Birmingham	106,141	90,737	10,000	172	3,504	196	1,532
U Alabama Huntsville	22,123	19,879	0	0	1,968	0	276
U Alabama Sys Off	1,161	1,161	0	0	0	0	0
U North Alabama	4	0	0	0	4	0	0
U South Alabama	8,627	8,339	2	19	186	32	49
University of Alabama	8,839	7,378	0	32	915	17	497
Alaska, total	46,562	34,217	665	87	261	1,419	9,913
Alaska Pacific University	152	152	0	0	0	0	0
U Alaska Anchorage	2,577	1,899	0	16	36	443	183
U Alaska Fairbanks	43,385	31,738	665	71	225	976	9,710
U Alaska System Higher Ed	448	428	0	0	0	0	20
Arizona, total	159,687	144,422	1,302	239	7,271	471	5,982
Arizona State U Main	28,933	27,310	0	0	1,094	338	191
Arizona Western College	3	3	0	0	0	0	0
Maricopa CC Sys Off	1,691	1,691	0	0	0	0	0
Mesa Community College	174	132	0	42	0	0	0
Navajo Community College	655	655	0	0	0	0	0
Northern Arizona U	6,755	6,528	0	38	91	49	49
Pima County Cmty Col Dist	32	0	0	32	0	0	0
Prescott College	37	37	0	0	0	0	0
U & St Col AZ Sys Off	247	247	0	0	0	0	0
University of Arizona	121,160	107,819	1,302	127	6,086	84	5,742
Arkansas, total	50,810	32,467	3,093	278	3,346	1,116	10,510
Arkansas State University	150	76	0	63	11	0	0
Arkansas Tech University	11	11	0	0	0	0	0
Harding U All Campuses	24	24	0	0	0	0	0
Henderson State U	21	2	0	19	0	0	0
Hendrix College	44	0	0	40	4	0	0
Lyon College	275	260	0	15	0	0	0
Ouachita Baptist U	139	0	0	0	0	0	139
U Arkansas Little Rock	11,975	2,916	0	46	853	0	8,160
U Arkansas Main	20,479	16,101	3,093	32	613	612	28
U Arkansas Monticello	90	90	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, trainee-ships, and training grants	General support for S&E	Other S&E activities
Arkansas, continued:							
U Arkansas Pine Bluff	4,701	1,628	0	0	536	492	2,045
U Arkansas Sys Off	608	444	0	0	38	0	126
U Arkansas for Med Sci	11,646	10,450	0	0	1,172	12	12
U Central Arkansas	647	465	0	63	119	0	0
California, total	1,638,009	1,466,549	29,549	2,708	82,698	7,091	49,414
Azusa Pacific University	67	0	0	0	67	0	0
Biola University	20	0	0	0	20	0	0
CA St Col Bakersfield	52	13	0	22	17	0	0
CA St Poly U Pomona	986	788	0	80	118	0	0
CA St U Chico	406	34	0	0	128	0	244
CA St U Dominguez Hills	1,183	193	0	31	345	307	307
CA St U Fresno	885	563	0	89	233	0	0
CA St U Fullerton	1,385	1,212	0	63	96	7	7
CA St U Hayward	1,091	916	0	82	93	0	0
CA St U Long Beach	2,683	1,965	0	38	466	122	92
CA St U Los Angeles	2,873	2,075	0	89	571	138	0
CA St U Northridge	2,271	1,662	0	0	609	0	0
CA St U Sacramento	320	64	0	99	157	0	0
CA St U San Bernardino	1,012	739	0	0	273	0	0
CA State Poly U San Luis	2,829	854	0	125	63	0	1,787
CA State U System Office	814	95	0	0	719	0	0
California Inst of Tech	117,911	87,702	24,412	202	4,763	186	646
California Lutheran U	200	200	0	0	0	0	0
Cerritos College	147	147	0	0	0	0	0
Charles Drew U Med & Sci	4,566	4,298	0	0	192	38	38
Claremont McKenna College	68	68	0	0	0	0	0
Col Osteo Med of Pacific	67	67	0	0	0	0	0
College of the Siskiyous	780	0	0	780	0	0	0
Cypress College	124	124	0	0	0	0	0
D-Q University	242	80	0	0	36	0	126
De Anza College	299	0	0	0	0	0	299
Deep Springs College	19	19	0	0	0	0	0
Diablo Valley College	23	23	0	0	0	0	0
East Los Angeles College	8	0	0	0	0	4	4
Foothill College	1,510	0	0	0	783	0	727
Foothill Deanza CC SO	432	332	0	0	100	0	0
Glendale Cmty Col CA	18	18	0	0	0	0	0
Grossmont College	24	0	0	24	0	0	0
Harvey Mudd College	671	554	0	89	28	0	0
Humboldt State University	1,470	1,307	0	112	0	51	0
Imperial Valley College	128	128	0	0	0	0	0
L A Cmty Col District Off	73	73	0	0	0	0	0
Loma Linda University	2,920	2,594	0	0	190	68	68
Loyola Marymount U	167	155	0	0	12	0	0
Mills College	582	582	0	0	0	0	0
Mission College	35	35	0	0	0	0	0
Monterey Peninsula Col	247	247	0	0	0	0	0
Mount San Antonio College	23	0	0	23	0	0	0
Mount St Marys Col CA	219	0	0	0	219	0	0
Natl Hispanic University	256	256	0	0	0	0	0
New College of California	94	87	0	7	0	0	0
Occidental College	482	482	0	0	0	0	0
Palomar College	44	0	0	44	0	0	0
Pasadena City College	19	0	0	19	0	0	0
Pepperdine University	66	66	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
California, continued							
Pitzer College	4	0	0	0	4	0	0
Pomona College	458	458	0	0	0	0	0
Porterville College	4	0	0	0	4	0	0
Rancho Santiago Col	38	0	0	38	0	0	0
Saddleback College	40	0	0	40	0	0	0
Sam Merritt College	169	0	0	0	169	0	0
San Diego State U	16,322	13,192	3	3	2,697	242	185
San Francisco State U	6,191	5,491	7	65	601	13	14
San Jose State University	13,048	9,172	0	76	1,170	25	2,605
Santa Clara University	387	387	0	0	0	0	0
Sonoma State University	242	140	0	40	62	0	0
St Marys Col CA	40	20	0	20	0	0	0
Stanford University	268,673	249,575	0	0	17,358	0	1,740
Taft College	22	22	0	0	0	0	0
U CA Berkeley	162,396	133,232	373	40	10,830	137	17,784
U CA Davis	92,923	84,495	2,125	0	2,701	298	3,304
U CA Irvine	64,050	61,567	263	40	1,930	153	97
U CA Los Angeles	207,871	195,788	277	0	9,639	212	1,955
U CA Office of Pres	11,239	7,823	0	0	0	488	2,928
U CA Riverside	19,563	19,108	105	29	255	31	35
U CA San Diego	217,412	204,063	311	0	8,603	2,525	1,910
U CA San Francisco	187,598	175,388	110	0	11,273	301	526
U CA Santa Barbara	54,855	51,459	543	33	888	765	1,167
U CA Santa Cruz	19,921	17,407	608	97	512	677	620
U San Francisco	1,106	727	0	8	371	0	0
U Southern California	139,412	125,297	412	0	3,225	291	10,187
University of Redlands	57	0	0	45	12	0	0
University of San Diego	513	421	0	0	92	0	0
University of the Pacific	507	461	0	22	0	12	12
Ventura Co Cmty Col SO	69	0	0	69	0	0	0
West Valley College	12	12	0	0	0	0	0
Westmont College	31	27	0	0	4	0	0
Whittier College	25	0	0	25	0	0	0
Colorado, total	230,680	208,487	878	263	11,767	3,226	6,059
Adams State College	10	0	0	10	0	0	0
Colorado College	84	41	0	43	0	0	0
Colorado School of Mines	5,232	4,983	0	76	4	169	0
Colorado State University	53,949	46,360	299	0	2,003	243	5,044
Fort Lewis College	356	249	0	0	77	0	30
Front Range Cmty Col	32	32	0	0	0	0	0
Natl Technological U CO	95	0	0	0	50	0	45
Otero Junior College	2,726	2,726	0	0	0	0	0
Regis University CO	143	92	0	0	51	0	0
Trinidad State Junior Col	238	238	0	0	0	0	0
U Northern Colorado	2,226	738	0	0	1,418	10	60
U Southern Colorado	589	556	0	33	0	0	0
University of Colorado	157,755	145,497	579	78	7,989	2,768	844
University of Denver	7,222	6,975	0	0	175	36	36
Western St Col Colorado	23	0	0	23	0	0	0
Connecticut, total	250,100	216,542	12,426	313	11,486	1,903	7,430
Bridgeport Eng Institute	31	0	0	31	0	0	0
Central Connecticut St U	119	92	0	0	27	0	0
Connecticut College	1,110	434	0	0	0	0	676
Fairfield University	113	29	0	25	59	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Connecticut, continued:							
Quinnipiac College	249	249	0	0	0	0	0
Sacred Heart University	384	365	0	0	19	0	0
Southern Connecticut St U	192	145	0	37	10	0	0
St Josephs Col	9	0	0	0	9	0	0
Trinity College CT	164	136	0	28	0	0	0
University of Bridgeport	55	55	0	0	0	0	0
University of Connecticut	61,392	42,992	10,000	0	1,269	1,851	5,280
University of Hartford	759	210	0	57	389	0	103
University of New Haven	163	143	0	0	20	0	0
Wesleyan University	2,915	2,541	180	94	62	-19	19
Western Connecticut St U	41	0	0	41	0	0	0
Yale University	182,404	169,151	2,246	0	9,622	33	1,352
Delaware, total	31,341	24,421	0	0	979	166	5,775
Delaware State University	2,824	1,531	0	0	284	17	992
Delaware Tech & Cmty Col	261	242	0	0	19	0	0
University of Delaware	28,256	22,648	0	0	676	149	4,783
District of Columbia, total	124,045	109,857	412	42	4,803	486	8,445
American University	1,895	918	0	0	69	98	810
Catholic U of America	3,047	2,805	0	0	161	25	56
Gallaudet University	2,043	1,521	0	0	508	7	7
George Washington U	30,275	27,524	0	0	1,852	250	649
Georgetown University	58,418	56,523	412	0	581	78	824
Howard University	24,967	18,417	0	29	1,314	13	5,194
Trinity College DC	13	0	0	13	0	0	0
University of DC	3,387	2,149	0	0	318	15	905
Florida, total	277,287	230,017	14,542	714	13,809	2,600	15,605
Barry University	1,256	213	0	0	401	321	321
Bethune Cookman College	673	0	0	0	119	277	277
Brevard Community College	35	35	0	0	0	0	0
Chipola Junior College	15	0	0	15	0	0	0
Eckerd College	58	58	0	0	0	0	0
Embry Riddle Aeronautcl U	1,301	1,301	0	0	0	0	0
FL Cmty Col Jacksonville	88	78	0	0	0	10	0
Florida A&M University	14,031	9,247	0	50	1,836	689	2,209
Florida Atlantic U	9,300	9,106	0	32	113	13	36
Florida Inst of Tech	2,615	2,554	0	25	22	7	7
Florida International U	8,963	7,863	0	0	24	538	538
Florida State University	41,966	26,847	14,050	0	1,029	40	0
Fort Lauderdale U	4	0	0	0	4	0	0
Gulf Coast Cmty College	40	0	0	40	0	0	0
Jacksonville University	38	0	0	38	0	0	0
Nova Southeastern U	933	933	0	0	0	0	0
Rollins College	92	42	0	50	0	0	0
SE U Health Sciences	464	0	0	0	464	0	0
St Johns River Cmty Col	6	0	0	6	0	0	0
St Petersburg Junior Col	2	0	0	0	2	0	0
Stetson University	24	0	0	24	0	0	0
U Central Florida	10,866	10,251	0	0	465	0	150
U South Florida	15,614	14,256	70	70	707	331	180
U West Florida	2,764	2,379	0	67	18	0	300
University of Florida	95,915	77,341	422	160	6,337	341	11,314
University of Miami	69,919	67,315	0	30	2,268	33	273
University of N Florida	198	198	0	0	0	0	0
University of Tampa	49	0	0	49	0	0	0
Valencia Community Col	58	0	0	58	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Georgia, total	255,855	207,633	2,948	1,699	20,734	2,100	20,741
Agnes Scott College	29	11	0	18	0	0	0
Albany State College	134	0	0	0	134	0	0
Berry College	1,504	0	0	1,500	4	0	0
Brewton Parker College	112	112	0	0	0	0	0
Clark Atlanta University	22,439	7,673	100	0	12,836	770	1,060
Columbus College	112	0	0	0	0	0	112
DeKalb College	65	0	0	65	0	0	0
Emory University	67,482	64,526	412	0	2,461	26	57
Fort Valley State College	4,788	2,598	0	0	130	0	2,060
Georgia Institute of Tech	51,953	50,805	25	0	966	39	118
Georgia Southern U	777	686	0	25	50	8	8
Georgia Southwestern Col	55	55	0	0	0	0	0
Georgia State University	6,141	5,661	0	0	480	0	0
Inst Paper Sci & Tech	861	861	0	0	0	0	0
Kennesaw State College	229	229	0	0	0	0	0
Medical College GA	9,361	9,107	0	0	152	51	51
Mercer University	9,492	5,490	0	0	800	7	3,195
Middle Georgia College	33	33	0	0	0	0	0
Morehouse College	2,464	796	0	0	0	834	834
Morehouse School of Med	4,300	3,904	0	0	326	35	35
Morris Brown College	1,223	1,154	0	8	0	61	0
North Georgia College	12	0	0	12	0	0	0
Savannah State College	365	0	365	0	0	0	0
Southern College of Tech	67	0	0	67	0	0	0
Spelman College	2,859	1,252	0	0	1,607	0	0
U System of Georgia	740	740	0	0	0	0	0
University of Georgia	68,180	51,903	2,046	4	747	269	13,211
Valdosta State University	48	7	0	0	41	0	0
West Georgia College	30	30	0	0	0	0	0
Hawaii, total	67,140	53,488	3,538	50	1,660	2,576	5,828
Chaminade U of Honolulu	759	0	0	0	0	296	463
Hawaii Pacific University	28	0	0	0	28	0	0
U Hawaii Hilo	6,257	2,584	0	0	0	2,105	1,568
U Hawaii Manoa	53,286	44,660	3,213	50	1,632	175	3,556
U Hawaii System Off	6,810	6,244	325	0	0	0	241
Idaho, total	21,557	16,545	485	0	562	176	3,789
Boise State University	444	444	0	0	0	0	0
Idaho State University	1,137	1,041	0	0	96	0	0
Lewis Clark State College	44	25	0	0	19	0	0
North Idaho College	971	971	0	0	0	0	0
University of Idaho	18,961	14,064	485	0	447	176	3,789
Illinois, total	457,096	402,096	1,774	3,095	22,330	1,412	26,389
Aurora College	25	0	0	0	25	0	0
Belleville Area College	41	0	0	41	0	0	0
Black Hawk College	67	67	0	0	0	0	0
Bradley University	868	771	0	68	29	0	0
Chicago State University	1,761	1,627	0	90	0	22	22
City Colleges of Chicago	409	388	0	0	21	0	0
College of Du Page	38	0	0	38	0	0	0
Columbia College IL	92	92	0	0	0	0	0
De Paul University	1,272	1,115	0	0	157	0	0

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Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Illinois, continued:							
East West University	164	160	0	0	4	0	0
Eastern Illinois U	687	506	0	80	101	0	0
Elmhurst College	725	725	0	0	0	0	0
Eureka College	7	0	0	7	0	0	0
Finch U Hlth Sci	5,008	5,008	0	0	0	0	0
Governors State U	58	0	0	0	58	0	0
Illinois Benedictine Col	73	37	0	36	0	0	0
Illinois Inst of Tech	7,435	4,330	264	0	707	17	2,117
Illinois State University	1,703	1,223	0	182	298	0	0
Illinois Valley Cmty Col	13	0	0	13	0	0	0
Illinois Wesleyan U	352	54	0	34	4	0	260
John A Logan College	11	11	0	0	0	0	0
John Wood Community Col	29	0	0	29	0	0	0
Joliet Jr College	120	120	0	0	0	0	0
Kishwaukee College	9	0	0	9	0	0	0
Knox College	280	195	0	85	0	0	0
Lake Forest College	160	160	0	0	0	0	0
Lewis University	18	0	0	0	18	0	0
Loyola U Chicago	9,885	9,618	0	20	159	44	44
Midwestern University	1,070	119	0	0	951	0	0
Millikin University	27	0	0	27	0	0	0
Monmouth College IL	35	0	0	35	0	0	0
Northeastern Illinois U	314	114	0	0	200	0	0
Northern Illinois U	6,381	5,309	0	0	938	118	16
Northwestern University	90,920	82,636	1,185	1,916	3,664	56	1,463
Olivet Nazarene U	4	0	0	0	4	0	0
Rockford College	20	0	0	0	20	0	0
Rush University	768	733	0	0	35	0	0
S Suburban Col Cook Co	13	0	0	13	0	0	0
Sangamon State University	59	34	0	25	0	0	0
Southern IL U Carbondale	9,044	8,790	0	0	52	91	111
Southern IL U Edwardsville	5,446	5,402	0	0	44	0	0
Southern IL University	153	153	0	0	0	0	0
St Xavier University	39	0	0	0	39	0	0
Trinity Evangel Div Schl	135	135	0	0	0	0	0
U IL Central Office	1,683	933	0	0	750	0	0
U IL Chicago	58,450	55,202	45	0	1,320	358	1,525
U IL Med Ctr Chicago	45	0	0	0	0	0	45
U IL Urbana Champaign	138,304	116,116	280	269	5,370	639	15,630
University of Chicago	111,924	99,378	0	34	7,289	67	5,156
Western Illinois U	944	835	0	44	65	0	0
Wheaton College IL	8	0	0	0	8	0	0
Indiana, total	206,961	172,670	13,386	570	5,389	236	14,710
Ball State University	608	524	0	0	84	0	0
Col Court Report Hobart	204	200	0	0	4	0	0
De Pauw University	16	16	0	0	0	0	0
Earlham College	107	47	0	60	0	0	0
Franklin Col of Indiana	14	0	0	14	0	0	0
Indiana St U All Campuses	622	589	0	0	33	0	0
Indiana University	99,726	81,374	13,009	98	3,569	90	1,586
Indiana Wesleyan U	24	0	0	0	24	0	0
Manchester College	12	12	0	0	0	0	0
Oakland City College	4	0	0	0	4	0	0
Purdue University	89,899	74,920	307	52	1,380	131	13,109

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Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Indiana, continued:							
Rose Hulman Inst of Tech	227	99	0	128	0	0	0
St Marys Col IN	33	3	0	30	0	0	0
Taylor University	15	0	0	15	0	0	0
U Indianapolis	18	18	0	0	0	0	0
University of Evansville	60	0	0	41	19	0	0
University of Notre Dame	15,140	14,654	70	132	254	15	15
Valparaiso University	232	214	0	0	18	0	0
Iowa, total	154,487	132,338	592	536	7,119	443	13,459
Buena Vista College	35	0	0	35	0	0	0
Central College IA	35	0	0	35	0	0	0
Clarke College IA	14	0	0	14	0	0	0
Coe College	133	133	0	0	0	0	0
Cornell College	10	0	0	10	0	0	0
Divine Word College	29	29	0	0	0	0	0
Dordt College	63	52	0	11	0	0	0
Drake University	746	180	0	0	566	0	0
Graceland College	23	23	0	0	0	0	0
Grinnell College	98	54	0	44	0	0	0
Iowa State University	56,984	41,468	562	194	1,568	196	12,996
Kirkwood Community Col	256	256	0	0	0	0	0
Luther College	41	41	0	0	0	0	0
Maharishi Intl University	845	801	0	24	0	10	10
Simpson College IA	30	0	0	30	0	0	0
St Ambrose University	22	22	0	0	0	0	0
U Northern Iowa	1,358	1,044	0	125	0	0	189
University of Iowa	93,405	87,875	30	14	4,985	237	264
Upper Iowa University	337	337	0	0	0	0	0
William Penn College	23	23	0	0	0	0	0
Kansas, total	74,904	62,468	1,312	217	1,792	72	9,043
Benedictine College	50	0	0	50	0	0	0
Bethel College KS	50	0	0	50	0	0	0
Emporia State University	195	26	0	0	169	0	0
Kansas City Kansas CC	1	1	0	0	0	0	0
Kansas Newman College	11	0	0	11	0	0	0
Kansas State University	35,374	26,236	1,312	31	91	31	7,673
Pittsburg State U	221	200	0	21	0	0	0
Seward County Cmty Col	458	458	0	0	0	0	0
University of Kansas	36,427	33,522	0	45	1,459	36	1,365
Wichita State University	2,117	2,025	0	9	73	5	5
Kentucky, total	77,019	58,818	0	226	3,301	547	14,127
Berea College	21	21	0	0	0	0	0
Centre College	37	8	0	25	4	0	0
Eastern Kentucky U	364	291	0	73	0	0	0
Kentucky State University	5,285	2,630	0	0	194	0	2,441
Murray State University	60	60	0	0	0	0	0
Northern Kentucky U	326	326	0	0	0	0	0
Spalding University	30	0	0	0	30	0	0
Transylvania University	131	131	0	0	0	0	0
University of Kentucky	60,649	46,594	0	56	2,071	473	11,455
University of Louisville	8,268	6,945	0	16	1,002	74	231
Western Kentucky U	1,848	1,792	0	56	0	0	0

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[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Louisiana, total	124,343	96,200	10,000	161	5,102	2,465	10,415
Centenary College of LA	46	22	0	24	0	0	0
Dillard University	120	120	0	0	0	0	0
Grambling State U	708	617	0	0	47	22	22
LA St U System Office	424	142	0	0	136	0	146
LA U Marine Consortium	599	319	0	0	30	250	0
Louisiana College	10	10	0	0	0	0	0
Louisiana State U	81,596	58,197	10,000	55	2,820	1,892	8,632
Louisiana Tech University	629	456	0	0	173	0	0
Loyola U New Orleans	36	36	0	0	0	0	0
McNeese State University	134	67	0	0	67	0	0
Nicholls State University	29	5	0	24	0	0	0
Northeast Louisiana U	326	326	0	0	0	0	0
Northwest State U	105	50	0	0	55	0	0
Southeastern Louisiana U	571	383	0	58	130	0	0
Southern U & A&M College	7,108	4,724	0	0	750	87	1,547
Tulane University	27,629	27,238	0	0	344	0	47
U Southwestern Louisiana	2,382	2,083	0	0	92	200	7
Xavier University LA	1,891	1,405	0	0	458	14	14
Maine, total	21,668	13,572	753	341	422	467	6,113
Bates College	82	24	0	58	0	0	0
Bowdoin College	753	663	0	90	0	0	0
Colby College	62	13	0	49	0	0	0
College of the Atlantic	38	38	0	0	0	0	0
Maine Maritime Academy	35	0	0	35	0	0	0
Northern Maine Tech Col	100	0	0	0	100	0	0
St Josephs Col ME	28	28	0	0	0	0	0
U Maine Augusta	1,249	1,249	0	0	0	0	0
U Maine Machias	39	39	0	0	0	0	0
U Maine Presque Isle	23	23	0	0	0	0	0
U Maine System Office	5,343	2,121	0	0	0	460	2,762
University of Maine	13,638	9,184	753	97	246	7	3,351
University of New England	48	0	0	12	36	0	0
University of S Maine	230	190	0	0	40	0	0
Maryland, total	862,167	687,277	1,598	351	21,086	1,406	150,449
Allegany Community Col	12	12	0	0	0	0	0
Bowie State University	731	541	0	0	190	0	0
Capitol College	66	0	0	0	66	0	0
Catonsville Cmty College	91	1	0	0	90	0	0
Charles County Cmty Col	47	47	0	0	0	0	0
Chesapeake College	31	0	0	31	0	0	0
Col of Notre Dame MD	128	128	0	0	0	0	0
Coppin State College	500	0	0	0	0	250	250
Frostburg State U	18	0	0	18	0	0	0
Garrett Community College	100	100	0	0	0	0	0
Goucher College	19	19	0	0	0	0	0
Howard Community College	190	150	0	40	0	0	0
Johns Hopkins University	701,097	543,873	45	28	16,309	170	140,672
Loyola College	110	88	0	0	22	0	0
Montgomery College	17	0	0	0	0	17	0
Morgan State University	2,677	1,307	0	45	463	134	728
Mount St Marys Col MD	86	86	0	0	0	0	0
Prince Georges Cmty Col	263	146	0	0	117	0	0
Salisbury State U	62	34	7	7	0	7	7
St Marys Col MD	144	134	0	0	10	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Maryland, continued:							
Towson State University	641	581	0	26	0	34	0
U MD Baltimore	52,466	49,992	100	0	1,426	143	805
U MD Baltimore County	7,693	7,293	0	0	146	51	203
U MD College Park	85,730	76,300	1,418	50	1,402	469	6,091
U MD Eastern Shore	3,806	1,956	0	11	573	0	1,266
U MD University Col	1,783	1,687	0	0	14	82	0
U Maryland Sys Admin	1,720	958	28	0	258	49	427
U of MD Center for EES	1,622	1,622	0	0	0	0	0
Washington College	71	44	0	27	0	0	0
Western Maryland College	246	178	0	68	0	0	0
Massachusetts, total	854,337	782,288	10,505	853	37,588	1,872	21,231
Amherst College	820	803	0	0	7	5	5
Assumption College	328	97	0	0	231	0	0
Boston College	8,655	8,156	0	0	299	172	28
Boston University	107,389	102,642	302	145	4,244	13	43
Brandeis University	22,706	21,651	0	0	994	23	38
Bridgewater State College	204	204	0	0	0	0	0
Bristol Community College	40	0	0	40	0	0	0
Clark University	2,081	2,051	0	0	30	0	0
Col of Our Lady of Elms	171	171	0	0	0	0	0
Col of the Holy Cross	574	570	0	0	4	0	0
Emerson College	301	199	0	0	102	0	0
Endicott College	75	75	0	0	0	0	0
Five Colleges Inc	653	653	0	0	0	0	0
Greenfield Community Col	40	40	0	0	0	0	0
Hampshire College	331	270	0	0	0	61	0
Harvard University	187,932	169,173	280	0	16,774	60	1,645
Lesley College	152	152	0	0	0	0	0
MA Inst of Technology	276,265	251,845	6,842	86	9,984	409	7,099
Merrimack College	328	328	0	0	0	0	0
Mount Holyoke College	921	836	0	47	0	38	0
Mount Wachusett Cmty Col	30	30	0	0	0	0	0
New England Col Optometry	104	104	0	0	0	0	0
Northeastern University	26,935	26,197	35	26	332	218	127
Radcliffe College	343	1	0	0	342	0	0
Salem State College	76	76	0	0	0	0	0
Simmons College	594	445	0	0	149	0	0
Smith College	327	221	0	0	106	0	0
Springfield College MA	166	130	0	0	36	0	0
Springfield Tech Cmty Col	53	0	0	53	0	0	0
Suffolk University	150	0	0	0	150	0	0
Tufts University	49,179	45,015	263	0	1,314	242	2,345
U MA Amherst	40,237	35,227	125	78	682	54	4,071
U MA Boston	4,079	3,749	0	0	292	14	24
U MA Central Office	858	634	6	6	6	6	200
U MA Dartmouth	1,335	1,245	0	90	0	0	0
U MA Lowell	3,610	3,505	0	21	70	7	7
U MA Worcester	36,639	34,574	0	0	1,257	404	404
Wellesley College	2,384	2,355	0	29	0	0	0
Wentworth Inst of Tech	1,959	1,861	0	98	0	0	0
Wheaton College MA	32	0	0	32	0	0	0
Williams College	825	763	0	39	4	5	14
Woods Hole Oceangraphic	66,821	61,399	2,652	4	4	141	2,621
Worcester Polytech Inst	7,635	4,841	0	59	175	0	2,560

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Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Michigan, total	426,747	368,972	16,180	1,104	17,154	1,063	22,274
Albion College	47	0	0	47	0	0	0
Alma College	222	222	0	0	0	0	0
Andrews University	218	218	0	0	0	0	0
Calvin College	278	45	0	233	0	0	0
Central Michigan U	289	200	0	89	0	0	0
Cnsrtm Intl Earth Sci Info	27,000	27,000	0	0	0	0	0
Cranbrook Acad of Art	202	202	0	0	0	0	0
Delta College	603	0	0	0	19	0	584
Eastern Michigan U	984	951	0	33	0	0	0
Ferris State University	106	106	0	0	0	0	0
GMI Engineering Mgt Inst	428	383	0	45	0	0	0
Grand Valley State U	1,348	402	0	38	17	0	891
Hope College	591	541	0	46	4	0	0
Kalamazoo College	700	248	0	100	4	0	348
Lake Michigan College	23	0	0	23	0	0	0
Lake Superior State U	48	0	0	48	0	0	0
Lawrence Technological U	10	10	0	0	0	0	0
Madonna University	87	87	0	0	0	0	0
Michigan State University	98,658	67,666	15,076	146	1,694	290	13,786
Michigan Tech University	7,902	7,297	0	0	132	0	473
Northern Michigan U	743	743	0	0	0	0	0
Oakland University	2,948	2,679	0	0	163	43	63
Saginaw Valley State U	853	0	0	0	853	0	0
Schoolcraft College	121	0	0	0	0	0	121
U of Detroit Mercy	1,621	1,599	0	0	22	0	0
University of Michigan	233,908	214,612	634	238	12,172	332	5,920
Wayne State University	42,735	40,172	470	0	1,607	398	88
West Shore Community Col	210	210	0	0	0	0	0
Western Michigan U	3,864	3,379	0	18	467	0	0
Minnesota, total	198,574	171,428	526	607	8,439	165	17,409
Augsburg College	860	860	0	0	0	0	0
Bemidji State University	130	130	0	0	0	0	0
Bethel College & Seminary	4	4	0	0	0	0	0
Carleton College	705	160	0	77	2	0	466
College of St Benedict	16	0	0	16	0	0	0
College of St Catherine	65	0	0	14	51	0	0
College of St Scholastica	109	96	0	0	13	0	0
Concordia Col Moorhead	69	65	0	0	4	0	0
Gustavus Adolphus College	215	90	0	121	4	0	0
Hamline University	150	100	0	50	0	0	0
Macalester College	210	177	0	33	0	0	0
Mankato State University	174	121	0	53	0	0	0
Moorhead State University	102	102	0	0	0	0	0
Normandale Community Col	220	220	0	0	0	0	0
Southwest State U	100	100	0	0	0	0	0
St Cloud Business Col	8	0	0	0	8	0	0
St Cloud State University	324	294	0	11	19	0	0
St Marys Col MN	34	10	0	0	24	0	0
St Olaf College	362	164	0	8	0	0	190
St Paul Tech College	6	6	0	0	0	0	0
U of St Thomas MN	31	25	0	0	6	0	0
University of Minnesota	194,575	168,675	526	163	8,293	165	16,753
Winona State University	105	29	0	61	15	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Mississippi, total	71,937	51,309	190	240	3,218	1,307	15,673
Alcorn State University	3,926	1,953	0	0	225	35	1,713
Delta State University	4	0	0	0	4	0	0
Hinds Cmty Col Raymond	369	369	0	0	0	0	0
Jackson State University	8,717	6,374	0	0	741	867	735
MS Gulf Cst CC Perkinstn	197	155	0	42	0	0	0
Millsaps College	2	0	0	0	2	0	0
Mississippi College	10	0	0	10	0	0	0
Mississippi State U	33,255	20,366	0	26	409	5	12,449
Mississippi U for Women	45	0	0	0	45	0	0
Mississippi Valley St U	779	131	0	0	648	0	0
Pearl River Cmty College	25	25	0	0	0	0	0
Rust College	636	188	0	0	180	134	134
Tougaloo College	744	0	0	0	244	250	250
U Southern Mississippi	6,110	5,845	0	101	154	5	5
University of Mississippi	17,118	15,903	190	61	556	11	387
Missouri, total	228,773	197,385	84	439	13,906	392	16,567
Avila College	83	51	0	32	0	0	0
Drury College	4	0	0	0	4	0	0
Hannibal La Grange Col	51	0	0	0	51	0	0
Harris Stowe State Col	4	4	0	0	0	0	0
Kirksville Col Osteo Med	1,149	478	0	0	661	5	5
Lincoln University MO	5,037	1,887	0	0	137	288	2,725
Missouri Southern St Col	4	0	0	0	4	0	0
North Central MO Col	1,117	1,117	0	0	0	0	0
Northeast Missouri St U	105	65	0	40	0	0	0
Northwest Missouri St U	220	220	0	0	0	0	0
Park College	22	0	0	22	0	0	0
Rockhurst College	15	0	0	15	0	0	0
Southeast Missouri St U	201	192	0	0	9	0	0
Southwest Missouri St U	494	341	0	73	80	0	0
St Louis Community Col	35	1	0	34	0	0	0
St Louis University	16,395	15,475	0	0	876	22	22
U Missouri Columbia	41,937	28,481	0	68	979	43	12,366
U Missouri Kansas City	5,003	4,694	0	0	285	12	12
U Missouri Rolla	6,260	6,127	0	76	0	0	57
U Missouri St Louis	2,679	2,606	0	0	43	0	30
U Missouri System Admin	3,619	2,436	0	0	1,013	0	170
Washington University	144,275	133,210	84	15	9,764	22	1,180
William Jewell College	64	0	0	64	0	0	0
Montana, total	30,352	24,358	888	58	932	97	4,019
Blackfeet Community Col	1	1	0	0	0	0	0
Carroll College MT	8	8	0	0	0	0	0
MT State U Billings	43	43	0	0	0	0	0
MT State U Bozeman	20,509	15,587	888	0	328	84	3,622
MT Tech U of MT	178	141	0	33	4	0	0
Montana U Sys Sys Off	2,187	2,187	0	0	0	0	0
Salish Kootenai College	397	2	0	0	395	0	0
University of Montana	7,029	6,389	0	25	205	13	397
Nebraska, total	50,555	41,077	0	76	929	131	8,342
Chadron State College	20	1	0	19	0	0	0
Creighton University	4,480	4,336	0	40	70	17	17
Doane College	99	99	0	0	0	0	0
Peru State College	20	20	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Nebraska, continued:							
U NE Ctrl Admin Sys Off	837	707	0	0	12	0	118
U Nebraska Kearney	108	0	0	8	0	0	100
U Nebraska Lincoln	31,481	23,205	0	9	437	114	7,716
U Nebraska Med Ctr Omaha	12,853	12,241	0	0	221	0	391
U Nebraska Omaha	657	468	0	0	189	0	0
Nevada, total	29,709	24,865	397	850	1,390	251	1,956
Cmty Col Southern Nevada	80	80	0	0	0	0	0
Desert Research Institute	7,529	7,484	0	0	0	0	45
Northern Nevada Cmty Col	850	0	0	850	0	0	0
Sierra Nevada College	18	0	0	0	18	0	0
U & Cmty Col NV Sys Off	995	623	0	0	0	234	138
U Nevada Las Vegas	5,524	4,765	188	0	564	0	7
U Nevada Reno	14,713	11,913	209	0	808	17	1,766
New Hampshire, total	69,368	62,959	0	202	2,197	428	3,582
Colby-Sawyer College	121	101	0	20	0	0	0
Dartmouth College	43,641	41,349	0	120	1,625	246	301
Franklin Pierce Law Ctr	7	7	0	0	0	0	0
Notre Dame College NH	40	40	0	0	0	0	0
Rivier College	7	0	0	0	7	0	0
St Anselm College	22	0	0	22	0	0	0
U NH Keene State Col	40	0	0	40	0	0	0
U NH Plymouth St Col	96	0	0	0	96	0	0
U New Hampshire	25,270	21,342	0	0	465	182	3,281
U System of NH Sys Off	124	120	0	0	4	0	0
New Jersey, total	220,654	187,236	13,418	206	7,577	1,672	10,545
Drew University	14	14	0	0	0	0	0
Essex County College	160	160	0	0	0	0	0
Fairleigh Dickinson U	42	34	0	0	8	0	0
Middlesex County College	20	0	0	20	0	0	0
Monmouth College NJ	2,372	2,372	0	0	0	0	0
NJ Inst of Technology	9,667	8,121	0	0	305	285	956
Passaic County Cmty Col	108	108	0	0	0	0	0
Princeton University	65,389	59,871	712	21	3,349	0	1,436
R Stockton State Col NJ	6	6	0	0	0	0	0
Ramapo College of NJ	36	0	0	36	0	0	0
Raritan Valley Cmty Col	112	112	0	0	0	0	0
Rutgers the St U of NJ	83,492	70,059	2,629	119	2,377	827	7,481
Seton Hall University	1,237	1,049	0	0	94	94	0
Stevens Institute of Tech	4,071	3,387	0	10	174	0	500
Trenton State College	79	79	0	0	0	0	0
U Med & Dent of NJ	53,773	41,788	10,077	0	1,270	466	172
William Paterson College	76	76	0	0	0	0	0
New Mexico, total	124,873	112,115	20	46	3,921	479	8,292
College of Santa Fe	80	80	0	0	0	0	0
Eastern New Mexico U	29	29	0	0	0	0	0
NM Inst Mining & Tech	8,414	8,349	0	46	19	0	0
New Mexico Highlands U	1,208	557	0	0	149	251	251
New Mexico State U	54,072	47,265	0	0	977	65	5,765
San Juan College	71	8	0	0	63	0	0
University of New Mexico	60,999	55,827	20	0	2,713	163	2,276

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New York, total	1,063,118	941,509	42,911	1,867	41,219	2,337	33,275
Adelphi University	186	152	0	0	34	0	0
Albany Col of Pharmacy	94	94	0	0	0	0	0
Albany Medical College	8,260	7,661	0	0	529	35	35
Alfred University	1,251	1,096	0	33	93	0	29
Bank Street Col of Ed	181	74	0	0	107	0	0
Barnard College	984	984	0	0	0	0	0
CUNY Bernard Baruch Col	421	398	0	0	23	0	0
CUNY Bronx Cmty College	978	324	0	0	0	327	327
CUNY Brooklyn College	1,373	1,259	0	0	114	0	0
CUNY City College	10,239	9,844	0	77	235	3	80
CUNY Col Staten Island	461	349	0	100	0	6	6
CUNY Grad Schl & U Ctr	2,627	2,431	0	0	156	20	20
CUNY H H Lehman College	1,633	1,261	0	0	160	6	206
CUNY Hostos Cmty College	59	59	0	0	0	0	0
CUNY Hunter College	4,604	3,891	0	66	507	58	82
CUNY J Jay Col Crim Just	138	138	0	0	0	0	0
CUNY Laguardia Cmty Col	310	310	0	0	0	0	0
CUNY Mt Sinai Schl of Med	45,262	43,638	0	0	1,512	56	56
CUNY NY City Tech Col	333	333	0	0	0	0	0
CUNY Queens College	1,803	1,646	0	0	0	33	124
CUNY Queensboro Cmty Col	458	303	0	155	0	0	0
CUNY System Office	3,080	3,080	0	0	0	0	0
CUNY York College	79	0	0	0	35	22	22
Clarkson University	5,562	5,389	0	0	137	0	36
Col of Mount St Vincent	22	0	0	0	22	0	0
Colgate University	670	662	0	0	8	0	0
College of New Rochelle	17	0	0	0	17	0	0
College of St Rose	117	117	0	0	0	0	0
Columbia U Central Off	710	710	0	0	0	0	0
Columbia U City New York	205,791	194,910	1,983	0	7,230	339	1,329
Cooper Union	183	150	0	33	0	0	0
Cornell University	216,602	174,226	16,535	53	8,229	2	17,557
D'Youville College	93	28	0	0	65	0	0
Dowling College	41	0	0	41	0	0	0
Elmira College	226	226	0	0	0	0	0
Fordham University	2,314	2,256	0	0	4	27	27
Hamilton College	118	106	0	12	0	0	0
Hartwick College	38	38	0	0	0	0	0
Hobart Wm Smith Colleges	334	15	0	28	0	0	291
Hofstra University	717	592	0	0	125	0	0
Iona College	158	158	0	0	0	0	0
Ithaca College	757	676	0	12	0	69	0
Long Island University	298	272	0	0	4	22	0
Manhattan College	396	269	0	0	127	0	0
Mercy College NY	93	0	0	0	93	0	0
New School Social Rsch	216	216	0	0	0	0	0
New York Inst Technology	491	453	0	38	0	0	0
New York Medical College	15,185	14,513	0	0	262	205	205
New York University	82,332	77,694	141	61	3,873	32	531
Niagara University	97	97	0	0	0	0	0
Pace University	426	324	0	0	102	0	0
Polytechnic University	6,222	6,216	0	0	0	0	6
Pratt Institute	4	4	0	0	0	0	0
Rensselaer Polytech Inst	23,327	21,296	0	246	367	21	1,397
Rochester Inst Technology	1,203	1,033	0	8	162	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New York, continued:							
Rockefeller University	36,528	35,184	41	0	1,229	37	37
Russell Sage College	214	119	0	13	82	0	0
SUNY Adirondack Cmty Col	15	0	0	15	0	0	0
SUNY Col A&T Cobleskill	16	0	0	16	0	0	0
SUNY Col Brockport	569	559	0	0	0	0	10
SUNY Col Buffalo	1,991	693	0	38	1,042	0	218
SUNY Col Cortland	199	114	0	15	70	0	0
SUNY Col Env Sci & Forest	555	555	0	0	0	0	0
SUNY Col Geneseo	199	190	0	9	0	0	0
SUNY Col New Paltz	17	0	0	0	17	0	0
SUNY Col Old Westbury	418	418	0	0	0	0	0
SUNY Col Oneonta	50	50	0	0	0	0	0
SUNY Col Oswego	174	154	0	20	0	0	0
SUNY Col Plattsburgh	366	235	131	0	0	0	0
SUNY Col Potsdam	34	0	0	34	0	0	0
SUNY Col Tech Alfred	85	0	0	85	0	0	0
SUNY Col Tech Delhi	63	63	0	0	0	0	0
SUNY Col of Optometry	197	166	0	0	31	0	0
SUNY Dutchess Cmty Col	210	115	0	95	0	0	0
SUNY Fashion Inst Tech	919	919	0	0	0	0	0
SUNY Hlth Sci Ctr Brookly	13,697	13,321	235	0	107	17	17
SUNY Hlth Sci Ctr Syracus	7,898	7,850	0	0	48	0	0
SUNY Inst Tech Utica Rome	109	109	0	0	0	0	0
SUNY Maritime College	1,310	1,310	0	0	0	0	0
SUNY Mohawk Valley CC	32	0	0	32	0	0	0
SUNY Nassau Cmty College	103	55	0	48	0	0	0
SUNY Purchase Col	120	120	0	0	0	0	0
SUNY Suffolk Co Cmty Col	150	150	0	0	0	0	0
SUNY System Office	9,016	7,863	0	0	962	191	0
SUNY Ulster Co Cmty Col	24	0	0	0	24	0	0
SUNY Westchester Cmty Col	131	0	0	0	131	0	0
SUNY at Albany	14,279	14,024	0	0	158	10	87
SUNY at Binghamton	4,592	4,392	0	25	119	28	28
SUNY at Buffalo	37,598	31,355	0	97	1,635	239	4,272
SUNY at Stony Brook	62,504	58,590	55	51	1,421	410	1,977
Siena College	253	253	0	0	0	0	0
St John Fisher College	70	0	0	70	0	0	0
St Johns University NY	974	874	0	0	0	27	73
St Lawrence University	9	9	0	0	0	0	0
Syracuse University	16,356	14,010	0	187	215	60	1,884
Teachers Col Columbia U	1,593	1,533	0	0	60	0	0
U State of NY Regents Col	157	157	0	0	0	0	0
Union College NY	70	45	0	10	15	0	0
University of Rochester	131,252	98,935	23,790	0	6,186	35	2,306
Vassar College	470	422	0	44	4	0	0
Wagner College	16	0	0	0	16	0	0
Yeshiva University NY	67,942	64,627	0	0	3,315	0	0
North Carolina, total	445,878	385,188	5,230	1,605	23,066	4,023	26,766
Appalachian St University	632	298	0	44	290	0	0
Barber Scotia College	238	238	0	0	0	0	0
Belmont Abbey College	19	0	0	19	0	0	0
Bennett College NC	710	206	0	0	0	252	252
Chowan College	34	34	0	0	0	0	0
Davidson College	255	247	0	0	8	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
North Carolina, continued:							
Duke University	148,457	138,839	705	91	6,375	427	2,030
East Carolina University	5,574	4,998	0	13	433	65	65
Elizabeth City State U	257	257	0	0	0	0	0
Elon College	27	0	0	27	0	0	0
Fayetteville State U	185	112	0	0	73	0	0
Guilford College	32	32	0	0	0	0	0
Haywood Cmty College	17	17	0	0	0	0	0
Johnson C Smith U	42	0	0	0	0	21	21
Livingstone College	306	306	0	0	0	0	0
Meredith College	35	0	0	35	0	0	0
NC Ag & Tech State U	15,286	11,284	0	53	482	20	3,447
NC State U Raleigh	71,590	50,661	0	100	3,595	350	16,884
North Carolina Central U	713	521	0	0	182	0	10
Pembroke State University	36	0	0	0	36	0	0
Shaw University	1,480	74	0	0	166	0	1,240
Southwestern Cmty College	738	0	0	738	0	0	0
St Andrews Presbytern Col	40	0	0	40	0	0	0
U NC Asheville	278	193	0	80	0	0	5
U NC Chapel Hill	141,698	129,071	880	19	9,309	508	1,911
U NC Charlotte	2,756	1,987	0	127	356	26	260
U NC General Admin Off	2,506	2,356	0	0	0	0	150
U NC Greensboro	3,209	3,057	0	0	136	8	8
U NC Wilmington	5,319	2,289	72	100	349	2,214	295
Wake Forest University	42,526	37,768	3,573	19	1,088	11	67
Wake Technical Cmty Col	100	0	0	100	0	0	0
Western Carolina U	395	343	0	0	52	0	0
Winston Salem State U	378	0	0	0	136	121	121
North Dakota, total	37,358	20,995	4,340	3,867	1,564	13	6,579
Jamestown College	136	136	0	0	0	0	0
Mayville State University	342	342	0	0	0	0	0
Minot State University	2,757	292	2,114	39	312	0	0
North Dakota State U	16,803	9,752	418	48	110	0	6,475
Turtle Mountain Cmty Col	44	0	0	0	19	0	25
University of Mary	26	0	0	0	26	0	0
University of N Dakota	17,250	10,473	1,808	3,780	1,097	13	79
Ohio, total	349,018	307,347	1,086	424	10,262	5,879	24,020
Antioch University	160	160	0	0	0	0	0
Baldwin Wallace College	123	123	0	0	0	0	0
Bowling Green State U	1,886	1,758	0	34	72	11	11
Case Western Reserve U	96,798	89,608	0	0	4,494	126	2,570
Central State U OH	1,291	1,139	0	63	0	0	89
Cincinnati Col Mort Sci	216	216	0	0	0	0	0
Cleveland State U	3,908	3,815	0	35	48	5	5
Col Mt St Joseph	34	0	0	34	0	0	0
College of Wooster	1,245	137	0	0	0	0	1,108
Cuyahoga Cmty Col	760	436	0	27	0	0	297
Denison University	108	104	0	0	4	0	0
Heidelberg College	38	20	0	18	0	0	0
John Carroll University	303	303	0	0	0	0	0
Kent State University	4,932	4,766	0	0	131	15	20
Kenyon College	306	245	0	57	4	0	0
Lorain County Cmty Col	20	20	0	0	0	0	0
Marietta College	16	16	0	0	0	0	0
Medical College OH Toledo	7,486	7,256	0	0	190	20	20

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Ohio, continued:							
Miami University OH	3,218	3,056	0	6	156	0	0
N E Ohio U Col of Med	1,210	1,011	0	0	0	27	172
Oberlin College	1,093	1,076	0	13	4	0	0
Ohio Northern University	51	51	0	0	0	0	0
Ohio State University	104,657	84,121	212	43	1,498	4,255	14,528
Ohio University	2,839	2,791	0	0	26	11	11
Ohio Wesleyan University	204	200	0	0	4	0	0
Otterbein College	205	0	0	0	205	0	0
Sinclair Community Col	140	87	0	53	0	0	0
Terra State Cmty Col	150	0	0	0	0	0	150
University of Akron	3,590	3,302	52	0	220	0	16
University of Cincinnati	56,185	51,936	325	0	2,227	1,336	361
University of Dayton	41,678	37,065	0	0	24	0	4,589
University of Toledo	3,890	3,096	497	18	245	17	17
Wilberforce University	433	433	0	0	0	0	0
Wittenberg University	29	25	0	0	4	0	0
Wright State University	9,540	8,788	0	0	640	56	56
Xavier University OH	188	122	0	0	66	0	0
Youngstown St University	88	65	0	23	0	0	0
Oklahoma, total	65,831	45,077	35	1,603	2,106	348	16,662
Cameron University	50	50	0	0	0	0	0
Carl Albert State Col	200	200	0	0	0	0	0
East Central University	208	113	0	0	95	0	0
Langston University	3,719	1,589	0	0	562	0	1,568
Murray State College	19	0	0	0	19	0	0
Northeastern State U	25	25	0	0	0	0	0
Oklahoma State University	29,838	14,777	0	27	195	33	14,806
Redlands Cmty College	9	9	0	0	0	0	0
Southeastern OK St U	52	0	0	0	0	26	26
St Gregorys College	27	0	0	27	0	0	0
U of Central Oklahoma	106	49	0	57	0	0	0
University of Oklahoma	27,419	25,668	35	65	1,100	289	262
University of Tulsa	2,759	2,597	0	27	135	0	0
Western Oklahoma St Col	1,400	0	0	1,400	0	0	0
Oregon, total	159,513	130,083	13,056	525	8,751	298	6,800
Central Oregon Cmty Col	593	593	0	0	0	0	0
Clatsop Community College	19	0	0	19	0	0	0
Concordia College OR	38	0	0	38	0	0	0
Eastern Oregon St College	222	222	0	0	0	0	0
Lewis & Clark College	170	0	0	94	76	0	0
Linfield College	191	191	0	0	0	0	0
Mount Hood Community Col	1,268	1,268	0	0	0	0	0
Oregon Grad Inst Sci Tech	10,264	10,207	0	0	23	17	17
Oregon Hlth Sciences U	52,299	37,898	10,102	0	4,103	52	144
Oregon Institute of Tech	320	300	0	20	0	0	0
Oregon State University	65,003	53,999	2,879	167	1,172	215	6,571
Pacific University	35	0	0	16	19	0	0
Portland State University	1,875	1,848	0	0	27	0	0
Reed College	443	326	0	113	4	0	0
Southern Oregon St Col	89	89	0	0	0	0	0
University of Oregon	26,253	22,756	75	13	3,327	14	68
University of Portland	167	140	0	27	0	0	0
Western Oregon State Col	264	246	0	18	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Pennsylvania, total	786,519	708,093	11,535	1,473	23,041	1,189	41,188
Albright College	20	0	0	20	0	0	0
Allegheny College	353	317	0	36	0	0	0
Alvernia College	22	22	0	0	0	0	0
Beaver College PA	40	21	0	19	0	0	0
Bloomsburg U of PA	9	0	0	0	9	0	0
Bryn Mawr College	732	695	0	0	21	8	8
Bucknell University	368	339	0	25	4	0	0
California U of PA	2,192	2,042	0	0	0	0	150
Carlow College	120	120	0	0	0	0	0
Carnegie Mellon U	76,896	73,474	130	82	1,513	173	1,524
Chatham College	69	40	0	29	0	0	0
Chestnut Hill College	90	79	0	11	0	0	0
Clarion U of PA	84	70	0	14	0	0	0
College Misericordia	28	0	0	0	28	0	0
Delaware County Cmty Col	45	0	0	45	0	0	0
Delaware Valley College	103	103	0	0	0	0	0
Dickinson College	267	167	0	100	0	0	0
Drexel University	10,847	10,537	12	17	0	203	78
Duquesne University	1,120	1,052	0	0	38	0	30
Franklin & Marshall Col	470	352	0	118	0	0	0
Gannon University	38	0	0	0	38	0	0
Gettysburg College	309	281	0	24	4	0	0
Gwynedd Mercy College	38	0	0	0	38	0	0
Haverford College	344	344	0	0	0	0	0
Indiana U of PA	416	249	0	57	31	0	79
Juniata College	400	400	0	0	0	0	0
Kings College PA	73	73	0	0	0	0	0
Kutztown U of PA	23	23	0	0	0	0	0
La Salle University	163	0	0	116	47	0	0
Lafayette College	486	406	0	80	0	0	0
Lehigh University	16,638	16,247	0	0	331	10	50
Lincoln University PA	1,532	1,232	0	0	300	0	0
Lycoming College	547	547	0	0	0	0	0
Marywood College	10,020	10,000	0	20	0	0	0
Medical College PA	36,222	25,317	10,000	0	659	55	191
Mercyhurst College	53	0	0	53	0	0	0
Millersville U of PA	195	120	0	75	0	0	0
Moravian College	103	23	0	80	0	0	0
Muhlenberg College	31	0	0	31	0	0	0
Northampton Co Cmty Col	50	50	0	0	0	0	0
PA College of Optometry	747	276	160	0	301	5	5
PA Technical Institute	467	467	0	0	0	0	0
Pace Institute	866	866	0	0	0	0	0
Pennsylvania State U	210,865	173,070	531	68	2,830	59	34,307
Phila Col of Pharm & Sci	86	86	0	0	0	0	0
Phila Col of Text & Sci	63	25	0	38	0	0	0
Shippensburg U of PA	453	453	0	0	0	0	0
St Josephs University	71	71	0	0	0	0	0
St Vincent College & Sem	330	330	0	0	0	0	0
Susquehanna University	136	136	0	0	0	0	0
Swarthmore College	494	494	0	0	0	0	0
Temple University	25,983	25,097	0	85	628	150	23
Thomas Jefferson U	39,635	38,180	0	0	1,405	25	25
University of PA	200,642	186,002	597	99	11,051	496	2,397
University of Pittsburgh	142,562	136,780	105	0	3,511	0	2,166

See explanatory information, if any, and SOURCE at end of table.

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Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Pennsylvania, continued:							
University of Scranton	209	101	0	0	108	0	0
Ursinus College	46	22	0	24	0	0	0
Villanova University	745	704	0	0	31	5	5
Washington & Jeffersn Col	18	0	0	18	0	0	0
West Chester U of PA	410	189	0	71	0	0	150
Westminster Col PA	2	2	0	0	0	0	0
Widener University	106	0	0	0	106	0	0
Wilkes University	27	0	0	18	9	0	0
Rhode Island, total	61,632	52,785	3,020	95	2,059	207	3,466
Brown University	36,887	34,483	150	82	1,666	0	506
Cmty Col Rhode Island	24	24	0	0	0	0	0
Rhode Island College	318	318	0	0	0	0	0
Roger Williams U	17	0	0	13	4	0	0
U Rhode Island	24,386	17,960	2,870	0	389	207	2,960
South Carolina, total	72,275	56,957	350	215	2,251	774	11,728
Benedict College	191	157	0	0	0	17	17
Citadel Military Col SC	5	5	0	0	0	0	0
Claflin College	227	227	0	0	0	0	0
Clemson University	24,271	15,296	0	33	312	39	8,591
College of Charleston	400	153	0	74	173	0	0
Ctrl Carolina Tech Col SC	39	0	0	0	39	0	0
Erskine College	81	81	0	0	0	0	0
Francis Marion University	114	114	0	0	0	0	0
Furman University	294	239	0	55	0	0	0
Medical U of S Carolina	21,696	20,063	350	0	815	234	234
Morris College	132	0	0	0	0	66	66
SC Sea Grant Consortium	30	9	0	0	0	3	18
South Carolina St U	4,677	2,287	0	0	496	182	1,712
Trident Technical College	44	0	0	44	0	0	0
U South Carolina	19,737	18,002	0	0	412	233	1,090
Voorhees College	324	324	0	0	0	0	0
Wofford College	13	0	0	9	4	0	0
South Dakota, total	16,534	9,979	849	84	722	5	4,895
Augustana College	211	178	0	33	0	0	0
Dakota State University	28	28	0	0	0	0	0
Kilian Community College	27	27	0	0	0	0	0
Mount Marty College	50	0	0	17	33	0	0
Oglala Lakota College	201	75	0	0	126	0	0
SD School Mines & Tech	2,330	2,102	0	0	228	0	0
Sioux Falls College	21	21	0	0	0	0	0
South Dakota State U	10,338	4,809	849	0	35	0	4,645
U SD System Office	35	35	0	0	0	0	0
U South Dakota	3,293	2,704	0	34	300	5	250
Tennessee, total	181,450	152,856	1,560	477	10,608	591	15,358
Austin Peay State U	83	0	0	83	0	0	0
Bristol University	115	115	0	0	0	0	0
Christian Brothers U	59	21	0	38	0	0	0
East Tennessee State U	1,315	820	0	54	391	25	25
Fisk University	1,761	1,759	0	0	2	0	0
Knoxville College	334	248	0	86	0	0	0
Lane College	423	44	0	0	211	84	84
Le Moyne Owen College	69	69	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Tennessee, continued:							
Meharry Medical College	7,944	6,214	0	0	1,696	17	17
Middle Tennessee St U	76	39	0	37	0	0	0
Rhodes College	79	25	0	54	0	0	0
Roane State Community Col	4	0	0	0	4	0	0
Southern Col of Optometry	63	63	0	0	0	0	0
State Tech Inst Memphis	14	14	0	0	0	0	0
Tennessee State U	8,160	4,997	356	0	428	30	2,349
Tennessee Technological U	1,632	1,594	0	16	22	0	0
U TN U Wide Admin Ctrl	2,560	2,385	0	0	12	0	163
U Tennessee Chattanooga	299	63	0	84	152	0	0
U Tennessee Knoxville	42,026	28,833	1,204	0	373	76	11,540
U Tennessee Martin	231	231	0	0	0	0	0
U Tennessee Memphis	20,394	18,933	0	0	551	207	703
University of Memphis	4,639	4,293	0	0	276	35	35
University of the South	30	5	0	25	0	0	0
Vanderbilt University	89,140	82,091	0	0	6,490	117	442
Texas, total	696,065	606,459	2,787	864	24,294	3,780	57,881
Abilene Christian U	107	107	0	0	0	0	0
Alamo CC District	228	228	0	0	0	0	0
Austin Cmty Col TX	44	0	0	44	0	0	0
Baylor Col of Dentistry	697	612	0	0	17	34	34
Baylor Col of Medicine	92,755	88,276	412	0	3,185	66	816
Baylor University	2,294	2,213	0	0	69	0	12
Central Texas College	308	0	0	0	0	0	308
El Paso Cmty College	151	1	0	0	0	0	150
Houston Community College	369	369	0	0	0	0	0
Huston Tillotson College	8	8	0	0	0	0	0
Incarnate Word College	206	0	0	0	26	90	90
Jarvis Christian College	219	219	0	0	0	0	0
Lamar U Beaumont	3,163	2,810	0	0	353	0	0
McLennan Community Col	2	0	0	0	2	0	0
Midwestern State U	6	6	0	0	0	0	0
N E Texas Cmty Col	130	0	0	0	0	0	130
N Harris Montgomery CC	19	0	0	19	0	0	0
Our Lady of the Lake U	443	190	0	26	227	0	0
Prairie View A&M U	8,103	4,916	0	0	236	0	2,951
Rice University	27,497	24,425	0	0	926	189	1,957
Sam Houston State U	10,138	10,138	0	0	0	0	0
Southern Methodist U	4,674	4,596	14	0	38	13	13
Southwest Texas St U	1,149	697	0	200	252	0	0
St Edwards University	43	0	0	43	0	0	0
St Marys U San Antonio	194	0	0	0	174	10	10
Stephen F Austin St U	566	262	0	0	304	0	0
Sul Ross State University	15	7	0	8	0	0	0
TX A&M U Kingsville	1,184	698	0	0	0	243	243
Tarleton State University	550	550	0	0	0	0	0
Texas A&M U Sys Off	5,191	2,401	0	0	558	0	2,232
Texas A&M University	90,042	65,174	1,044	24	1,497	1,090	21,213
Texas Christian U	2,397	2,397	0	0	0	0	0
Texas Lutheran College	76	0	0	76	0	0	0
Texas Southern U	3,338	2,277	0	40	121	450	450
Texas Southmost College	166	166	0	0	0	0	0
Texas Tech University	8,155	7,460	0	50	571	37	37
Texas Wesleyan University	127	36	0	0	91	0	0
Texas Womans University	625	72	0	0	483	70	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Texas, continued:							
Trinity University	1,089	925	0	81	32	11	40
U N TX Hlth Sci Ctr	3,633	3,482	0	0	41	55	55
U North Texas	4,296	3,057	0	120	1,056	0	63
U TX Arlington	4,512	3,498	0	41	742	83	148
U TX Austin	146,743	117,225	189	0	3,732	672	24,925
U TX Dallas	5,488	5,373	45	0	0	22	48
U TX El Paso	6,469	6,072	0	0	214	108	75
U TX Hlth Sci Ctr Houstn	38,753	37,465	0	0	1,080	97	111
U TX Hlth Sci Ctr S Anto	48,415	44,987	0	0	2,817	211	400
U TX MD Anderson Cancer	43,219	42,602	0	0	587	15	15
U TX Med Brnch Galveston	29,748	28,616	0	0	1,042	45	45
U TX Pan American	348	0	0	0	322	13	13
U TX Permian Basin	61	61	0	0	0	0	0
U TX SW Med Ctr Dallas	65,314	61,269	931	0	2,492	30	592
U TX San Antonio	2,130	1,632	0	0	327	48	123
U TX System Off	2,064	1,556	0	0	340	40	128
U of Houston	21,016	20,183	152	30	209	38	404
U of Houston Clear Lake	5,992	5,806	0	32	104	0	50
U of Houston Downtown Col	30	0	0	30	0	0	0
U of Houston Sys Admin	683	671	0	0	12	0	0
University of Dallas	469	469	0	0	0	0	0
West Texas A&M U	15	0	0	0	15	0	0
Wiley College	199	199	0	0	0	0	0
Utah, total	133,828	123,154	690	157	2,290	522	7,015
Brigham Young University	5,922	5,573	0	44	108	187	10
Snow College	16	16	0	0	0	0	0
Southern Utah University	1,193	1,193	0	0	0	0	0
University of Utah	82,458	77,407	52	0	1,723	37	3,239
Utah State University	44,002	38,841	638	0	459	298	3,766
Utah Valley State College	20	20	0	0	0	0	0
Weber State University	217	104	0	113	0	0	0
Vermont, total	40,630	35,856	0	94	1,231	409	3,040
Bennington College	148	148	0	0	0	0	0
Burlington College	91	91	0	0	0	0	0
Lyndon State College	54	54	0	0	0	0	0
Middlebury College	517	423	0	94	0	0	0
Norwich University	29	25	0	0	4	0	0
St Michaels College	817	707	0	0	0	0	110
University of Vermont	38,481	33,915	0	0	1,227	409	2,930
Vermont Law School	493	493	0	0	0	0	0
Virginia, total	233,502	200,585	1,033	557	11,645	948	18,734
College of William & Mary	8,124	6,754	0	0	171	256	943
Dabney Lancaster Cmty Col	9	9	0	0	0	0	0
Ferrum College	55	55	0	0	0	0	0
George Mason University	9,965	8,819	0	100	121	25	900
Hampden Sydney College	99	99	0	0	0	0	0
Hampton University	6,362	6,157	0	0	205	0	0
Hollins College	19	19	0	0	0	0	0
James Madison University	666	576	0	90	0	0	0
Longwood College	24	24	0	0	0	0	0
Lord Fairfax Cmty College	31	31	0	0	0	0	0
Mary Baldwin College	65	65	0	0	0	0	0
Med Col Hampton Roads	10,767	10,595	0	0	44	64	64
Mountain Empire Cmty Col	40	40	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Virginia, continued:							
Norfolk State University	693	387	0	0	81	98	127
Old Dominion University	10,121	7,619	0	0	1,534	98	870
Radford University	38	18	0	0	20	0	0
Randolph Macon Womans Col	7	0	0	0	7	0	0
Roanoke College	232	0	0	0	0	0	232
Southwest VA Cmty Col	120	0	0	0	0	0	120
Sweet Briar College	26	0	0	26	0	0	0
Thomas Nelson Cmty Col	432	0	0	0	432	0	0
Tidewater Community Col	20	0	0	0	20	0	0
University of Richmond	627	161	0	38	8	0	420
University of Virginia	86,929	79,221	129	0	4,643	53	2,883
VA Polytech Inst & St U	48,887	36,841	904	225	783	101	10,033
Virginia Commonwealth U	44,029	40,568	0	0	3,416	35	10
Virginia Military Inst	96	96	0	0	0	0	0
Virginia State University	4,457	2,107	0	0	0	218	2,132
Virginia Union University	484	324	0	0	160	0	0
Washington & Lee U	78	0	0	78	0	0	0
Washington, total	329,524	285,524	3,080	530	14,494	1,368	24,528
Central Washington U	517	477	0	17	23	0	0
Centralia College	60	60	0	0	0	0	0
Clark College	10	10	0	0	0	0	0
Columbia Basin College	129	129	0	0	0	0	0
Eastern Washington U	2,434	2,275	0	38	90	0	31
Edmonds Community College	2,395	2,395	0	0	0	0	0
Evergreen State College	912	752	0	0	0	18	142
Gonzaga University	382	107	0	178	62	0	35
Heritage College	137	137	0	0	0	0	0
Lower Columbia College	845	845	0	0	0	0	0
Northwest Indian College	130	130	0	0	0	0	0
Olympic College	2	2	0	0	0	0	0
Pacific Lutheran U	66	24	0	0	42	0	0
Seattle Community College	71	71	0	0	0	0	0
Seattle Pacific U	46	24	0	0	22	0	0
Seattle University	166	98	0	0	0	28	40
Shoreline Community Col	56	24	0	32	0	0	0
Skagit Valley College	1,622	1,622	0	0	0	0	0
University of Puget Sound	100	0	0	100	0	0	0
University of Washington	279,832	246,013	890	73	13,496	1,240	18,120
Walla Walla Community Col	28	28	0	0	0	0	0
Washington State U	38,649	29,541	2,190	0	738	82	6,098
Western Washington U	854	686	0	85	21	0	62
Whatcom Community College	7	0	0	7	0	0	0
Whitman College	51	51	0	0	0	0	0
Whitworth College	23	23	0	0	0	0	0
West Virginia, total	80,190	41,053	11,137	78	1,549	43	26,330
Bluefield State College	83	76	0	7	0	0	0
Col of West Virginia	132	132	0	0	0	0	0
Concord College	181	181	0	0	0	0	0
Fairmont State College	94	94	0	0	0	0	0
Marshall University	2,031	1,800	0	42	30	13	146
West Virginia Inst Tech	29	0	0	29	0	0	0
West Virginia State Col	363	363	0	0	0	0	0
West Virginia U Morgantwn	53,508	35,439	1,487	0	1,519	30	15,033
Wheeling Jesuit College	23,769	2,968	9,650	0	0	0	11,151

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Wisconsin, total	265,944	235,302	4,838	503	9,787	600	14,914
Alverno College	32	0	0	32	0	0	0
Beloit College	296	279	0	17	0	0	0
Carroll College WI	64	64	0	0	0	0	0
Lawrence University	284	225	0	55	4	0	0
Madison Jr Col of Bus	103	0	0	0	0	0	103
Marquette University	2,196	2,127	0	0	69	0	0
Medical College WI	26,545	24,713	0	0	1,776	28	28
Milwaukee School of Eng	148	92	0	56	0	0	0
Ripon College	78	78	0	0	0	0	0
U WI Center System	3,776	3,776	0	0	0	0	0
U WI Eau Claire	606	394	0	33	179	0	0
U WI Green Bay	112	112	0	0	0	0	0
U WI La Crosse	69	33	0	36	0	0	0
U WI Madison	216,148	190,469	4,755	86	7,126	334	13,378
U WI Milwaukee	6,445	5,960	0	0	422	35	28
U WI Oshkosh	1,974	1,897	0	0	77	0	0
U WI River Falls	183	48	0	135	0	0	0
U WI Stevens Point	886	803	83	0	0	0	0
U WI Stout	23	0	0	23	0	0	0
U WI Superior	1,186	1,186	0	0	0	0	0
U WI System Office	4,760	3,046	0	0	134	203	1,377
Viterbo College	30	0	0	30	0	0	0
Wyoming, total	20,555	17,339	418	115	300	44	2,339
Laramie County Cmty Col	23	0	0	15	8	0	0
Northwest College	76	55	0	21	0	0	0
University of Wyoming	20,456	17,284	418	79	292	44	2,339
Guam, total	3,334	1,438	0	0	0	383	1,513
University of Guam	3,334	1,438	0	0	0	383	1,513
Puerto Rico, total	39,650	24,864	3	78	1,433	2,248	11,024
Catholic U of PR	769	463	0	0	306	0	0
Inter Am U PR Ctrl Off	518	0	0	0	0	259	259
Inter Am U PR Metropol	364	265	0	0	37	31	31
Ponce School of Medicine	673	601	0	0	0	36	36
Sistema U Ana G Mendez	200	200	0	0	0	0	0
U Central Del Caribe	199	199	0	0	0	0	0
U PR Cayey U Col	354	0	0	0	0	177	177
U PR Humacao U Col	1,055	8	0	0	131	458	458
U PR Mayaguez	15,259	6,556	0	50	362	0	8,291
U PR Medical Sci	7,248	6,810	0	0	340	0	98
U PR Regional Col Admn	142	0	0	0	0	0	142
U PR Rio Piedras	5,226	2,709	0	25	22	1,235	1,235
U PR System Off	7,261	6,891	3	3	15	52	297
U of the Sacred Heart	47	47	0	0	0	0	0
Universidad Del Turabo	220	0	0	0	220	0	0
Universidad Metropolitana	115	115	0	0	0	0	0
American Samoa, total	1,233	679	0	0	0	0	554
American Samoa Cmty Col	1,233	679	0	0	0	0	554

See explanatory information, if any, and SOURCE at end of table.

Table B-41. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1993

[Dollars in thousands]

State and institution	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Virgin Islands, total	2,972	1,210	0	0	138	345	1,279
U of the Virgin Islands	2,972	1,210	0	0	138	345	1,279
Trust Territory of the Pacific Islands, total	2,247	974	0	0	0	0	1,273
Col of Micronesia FSM	909	315	0	0	0	0	594
Northern Marianas College	1,338	659	0	0	0	0	679

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	12,724,675	940,548	109,822	1,833,939	156,435	716,160	152,692	6,023,063	737,123	1,858,374	196,519
Alabama, total	198,278	25,025	358	16,410	3,051	12,848	1,514	95,744	25,882	14,714	2,732
Alabama A & M University	9,024	4,429	0	1,792	611	0	0	0	790	1,109	293
Alabama Southern Cmty Col	20	0	0	0	0	20	0	0	0	0	0
Alabama State University	712	0	0	0	0	0	0	700	0	12	0
Athens State College	15	0	0	0	0	0	0	0	0	15	0
Auburn University	28,391	15,573	45	2,762	0	730	372	1,618	3,765	1,969	1,557
Central Alabama Cmty Col	14	0	0	0	0	0	0	0	0	14	0
Enterprise State Jr Col	46	0	0	0	0	0	0	0	0	46	0
Faulkner University	137	0	0	0	137	0	0	0	0	0	0
Gadsden State Cmty Col	297	0	0	0	0	0	0	0	0	0	297
Jacksonville State U	454	0	0	0	0	0	0	0	0	454	0
Miles College	7	0	0	0	0	0	7	0	0	0	0
Oakwood College	564	0	0	0	0	0	0	492	12	60	0
Selma University	643	0	0	0	0	127	0	516	0	0	0
Spring Hill College	3	0	0	0	3	0	0	0	0	0	0
Stillman College	564	0	0	0	25	0	0	539	0	0	0
Talladega College	1,004	0	0	0	36	0	0	765	0	203	0
Trenholm St Tech Col	24	0	0	0	24	0	0	0	0	0	0
Troy St U Main	275	0	0	213	0	0	0	37	0	25	0
Tuskegee University	9,189	4,368	0	2,378	0	38	0	314	1,562	529	0
U Alabama Birmingham	106,141	655	99	2,537	750	10,329	622	80,040	4,623	6,486	0
U Alabama Huntsville	22,123	0	102	5,163	0	190	453	240	14,690	1,285	0
U Alabama Sys Off	1,161	0	0	1,074	0	0	0	87	0	0	0
U North Alabama	4	0	0	0	4	0	0	0	0	0	0
U South Alabama	8,627	0	112	98	75	44	0	7,703	59	536	0
University of Alabama	8,839	0	0	393	1,386	1,370	60	2,693	381	1,971	585
Alaska, total	46,562	3,305	3,028	1,061	200	552	514	1,992	20,061	13,556	2,293
Alaska Pacific University	152	0	0	108	0	0	0	0	0	44	0
U Alaska Anchorage	2,577	0	319	183	0	0	119	1,427	0	36	493
U Alaska Fairbanks	43,385	3,137	2,709	770	0	472	395	565	20,061	13,476	1,800
U Alaska System Higher Ed	448	168	0	0	200	80	0	0	0	0	0
Arizona, total	159,687	9,282	251	14,534	2,998	4,840	2,171	59,353	24,573	38,148	3,537
Arizona State U Main	28,933	166	25	4,614	320	1,326	458	6,647	2,388	12,719	270
Arizona Western College	3	0	0	0	0	0	0	0	0	0	3
Maricopa CC Sys Off	1,691	58	0	133	0	0	0	0	0	1,500	0
Mesa Community College	174	0	0	0	0	0	0	0	0	174	0
Navajo Community College	655	0	0	0	163	0	0	0	77	415	0
Northern Arizona U	6,755	182	0	0	0	0	428	1,345	363	3,364	1,073
Pima County Cmty Col Dist	32	0	0	0	0	0	0	0	0	32	0
Prescott College	37	0	0	0	0	0	0	0	0	0	37
U & St Col AZ Sys Off	247	247	0	0	0	0	0	0	0	0	0
University of Arizona	121,160	8,629	226	9,787	2,515	3,514	1,285	51,361	21,745	19,944	2,154
Arkansas, total	50,810	22,514	0	4,341	2,949	284	158	14,182	479	4,063	1,840
Arkansas State University	150	0	0	0	0	0	0	12	75	63	0
Arkansas Tech University	11	11	0	0	0	0	0	0	0	0	0
Harding U All Campuses	24	0	0	0	0	0	0	0	24	0	0
Henderson State U	21	0	0	0	0	0	0	0	0	21	0
Hendrix College	44	0	0	0	4	0	0	0	0	40	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Arkansas, continued:											
Lyon College	275	0	0	0	156	0	0	0	0	119	0
Ouachita Baptist U	139	0	0	139	0	0	0	0	0	0	0
U Arkansas Little Rock	11,975	7,906	0	926	584	65	0	1,265	296	933	0
U Arkansas Main	20,479	10,658	0	3,276	1,917	200	63	608	84	2,461	1,212
U Arkansas Monticello	90	0	0	0	0	0	0	0	0	90	0
U Arkansas Pine Bluff	4,701	3,397	0	0	54	19	0	1,103	0	39	89
U Arkansas Sys Off	608	294	0	0	0	0	0	150	0	0	164
U Arkansas for Med Sci	11,646	158	0	0	141	0	95	11,018	0	234	0
U Central Arkansas	647	90	0	0	93	0	0	26	0	63	375
California, total	1,638,009	37,380	12,362	169,758	18,716	87,445	10,025	853,162	146,857	288,481	13,823
Azusa Pacific University	67	0	0	0	0	0	0	67	0	0	0
Biola University	20	0	0	0	20	0	0	0	0	0	0
CA St Col Bakersfield	52	0	0	0	0	0	0	17	0	35	0
CA St Poly U Pomona	986	10	0	0	118	0	0	0	0	858	0
CA St U Chico	406	0	0	0	109	19	0	0	278	0	0
CA St U Dominguez Hills	1,183	0	0	0	270	0	0	689	0	224	0
CA St U Fresno	885	0	0	0	372	0	0	154	89	270	0
CA St U Fullerton	1,385	0	0	0	96	301	0	352	52	584	0
CA St U Hayward	1,091	0	0	27	93	200	60	328	50	323	10
CA St U Long Beach	2,683	0	0	0	523	0	0	1,721	95	344	0
CA St U Los Angeles	2,873	0	0	84	201	20	0	420	157	1,991	0
CA St U Northridge	2,271	0	0	105	394	78	0	210	393	1,091	0
CA St U Sacramento	320	0	0	0	133	19	0	29	0	139	0
CA St U San Bernardino	1,012	0	0	0	273	0	0	99	0	640	0
CA State Poly U San Luis	2,829	91	0	333	0	0	0	0	298	2,107	0
CA State U System Office	814	7	0	0	807	0	0	0	0	0	0
California Inst of Tech	117,911	0	119	20,763	21	9,977	262	18,864	14,121	52,511	1,273
California Lutheran U	200	0	0	0	200	0	0	0	0	0	0
Cerritos College	147	0	0	0	147	0	0	0	0	0	0
Charles Drew U Med & Sci	4,566	0	0	0	200	0	0	4,366	0	0	0
Claremont McKenna College	68	0	0	3	0	0	0	0	65	0	0
Col Osteo Med of Pacific	67	0	0	0	0	0	0	67	0	0	0
College of the Siskiyous	780	0	780	0	0	0	0	0	0	0	0
Cypress College	124	0	0	0	0	0	0	0	0	124	0
D-Q University	242	0	0	0	0	80	0	0	162	0	0
De Anza College	299	0	0	299	0	0	0	0	0	0	0
Deep Springs College	19	0	0	0	0	0	0	0	0	19	0
Diablo Valley College	23	0	0	0	0	0	0	0	0	23	0
East Los Angeles College	8	0	0	0	0	0	0	8	0	0	0
Foothill College	1,510	0	0	0	0	0	0	0	1,510	0	0
Foothill Deanza CC SO	432	0	0	0	104	0	0	0	328	0	0
Glendale Cmty Col CA	18	0	0	0	0	0	0	0	0	18	0
Grossmont College	24	0	0	0	0	0	0	0	0	24	0
Harvey Mudd College	671	0	0	0	275	0	0	0	33	363	0
Humboldt State University	1,470	271	0	0	200	0	0	94	0	709	196
Imperial Valley College	128	0	0	0	0	0	0	0	0	0	128
L A Cmty Col District Off	73	0	0	0	73	0	0	0	0	0	0
Loma Linda University	2,920	0	0	0	22	0	380	2,498	0	0	20
Loyola Marymount U	167	0	0	0	0	0	0	116	51	0	0
Mills College	582	0	0	0	0	0	0	0	0	582	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
California, continued											
Mission College	35	0	0	0	0	0	0	0	0	35	0
Monterey Peninsula Col	247	0	0	0	247	0	0	0	0	0	0
Mount San Antonio College	23	0	0	0	0	0	0	0	0	23	0
Mount St Marys Col CA	219	0	0	0	0	0	0	219	0	0	0
Natl Hispanic University	256	0	0	196	0	60	0	0	0	0	0
New College of California	94	0	0	0	0	0	0	0	0	94	0
Occidental College	482	0	0	152	0	0	0	90	0	240	0
Palomar College	44	0	0	0	0	0	0	0	0	44	0
Pasadena City College	19	0	0	0	0	0	0	0	0	19	0
Pepperdine University	66	0	0	0	0	0	0	0	0	66	0
Pitzer College	4	0	0	0	4	0	0	0	0	0	0
Pomona College	458	0	0	0	0	0	0	198	0	260	0
Porterville College	4	0	0	0	4	0	0	0	0	0	0
Rancho Santiago Col	38	0	0	0	0	0	0	0	0	38	0
Saddleback College	40	0	0	0	0	0	0	0	0	40	0
Sam Merritt College	169	0	0	0	0	0	0	169	0	0	0
San Diego State U	16,322	55	58	1,402	2,574	1,099	0	7,396	338	3,145	255
San Francisco State U	6,191	0	43	187	815	39	0	1,033	207	3,827	40
San Jose State University	13,048	0	612	367	1,095	60	0	187	7,294	3,423	10
Santa Clara University	387	0	0	0	0	0	0	0	125	262	0
Sonoma State University	242	0	0	0	0	0	0	62	95	85	0
St Marys Col CA	40	0	0	0	0	0	0	0	0	40	0
Stanford University	268,673	90	50	36,726	90	7,340	5,003	130,382	55,345	31,738	1,909
Taft College	22	0	0	0	0	0	0	0	0	22	0
U CA Berkeley	162,396	23,466	68	6,141	1,289	3,068	313	58,164	22,816	44,832	2,239
U CA Davis	92,923	9,356	0	1,555	356	14,827	1,969	46,942	1,712	15,731	475
U CA Irvine	64,050	0	0	6,029	8	4,963	185	39,179	1,984	11,702	0
U CA Los Angeles	207,871	363	0	14,172	2,956	21,835	360	139,175	9,116	19,413	481
U CA Office of Pres	11,239	0	9,171	0	0	0	0	1,968	0	0	100
U CA Riverside	19,563	2,187	0	624	326	1,785	662	7,374	1,835	4,770	0
U CA San Diego	217,412	1,150	75	24,127	8	10,523	0	122,470	16,756	38,663	3,640
U CA San Francisco	187,598	0	0	2,708	228	3,291	50	177,357	1,039	2,925	0
U CA Santa Barbara	54,855	298	621	13,356	475	3,891	681	6,330	4,120	23,484	1,599
U CA Santa Cruz	19,921	36	0	2,856	1,488	2,203	0	6,127	1,353	5,808	50
U San Francisco	1,106	0	0	0	339	0	0	426	289	52	0
U Southern California	139,412	0	765	37,546	1,759	1,767	100	76,976	4,739	14,362	1,398
University of Redlands	57	0	0	0	0	0	0	0	12	45	0
University of San Diego	513	0	0	0	0	0	0	354	0	159	0
University of the Pacific	507	0	0	0	0	0	0	485	0	22	0
Ventura Co Cmty Col SO	69	0	0	0	0	0	0	0	0	69	0
West Valley College	12	0	0	0	0	0	0	0	0	12	0
Westmont College	31	0	0	0	4	0	0	0	0	27	0
Whittier College	25	0	0	0	0	0	0	0	0	25	0
Colorado, total	230,680	13,119	12,684	14,747	3,124	9,169	3,342	110,109	22,262	38,429	3,695
Adams State College	10	0	0	0	0	0	0	0	0	10	0
Colorado College	84	0	0	0	0	0	0	0	0	84	0
Colorado School of Mines	5,232	0	0	1,172	4	1,269	793	0	515	1,265	214
Colorado State University	53,949	12,592	138	4,039	403	2,934	1,030	18,041	2,660	9,104	3,008
Fort Lewis College	356	30	0	0	0	0	0	77	0	226	23
Front Range Cmty Col	32	32	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Colorado, continued:											
Natl Technological U CO	95	0	0	45	0	50	0	0	0	0	0
Otero Junior College	2,726	0	0	0	0	0	0	2,726	0	0	0
Regis University CO	143	0	0	0	0	0	0	143	0	0	0
Trinidad State Junior Col	238	0	0	0	238	0	0	0	0	0	0
U Northern Colorado	2,226	0	0	0	1,743	0	0	30	35	398	20
U Southern Colorado	589	0	0	0	0	0	0	0	556	33	0
University of Colorado	157,755	295	12,546	7,774	659	4,779	1,224	86,769	17,450	25,829	430
University of Denver	7,222	170	0	1,717	77	137	295	2,323	1,046	1,457	0
Western St Col Colorado	23	0	0	0	0	0	0	0	0	23	0
Connecticut, total	250,100	6,547	5,379	10,635	2,228	23,283	1,764	178,156	1,824	20,017	267
Bridgeport Eng Institute	31	0	0	0	0	0	0	0	0	31	0
Central Connecticut St U	119	0	0	0	0	0	0	27	0	88	4
Connecticut College	1,110	0	0	0	0	0	0	106	0	1,004	0
Fairfield University	113	0	0	0	59	0	0	0	0	54	0
Quinnipiac College	249	0	0	0	0	0	0	249	0	0	0
Sacred Heart University	384	0	0	0	0	19	0	0	0	365	0
Southern Connecticut St U	192	0	0	0	0	0	0	59	0	133	0
St Josephs Col	9	0	0	0	0	0	0	9	0	0	0
Trinity College CT	164	0	0	0	0	0	0	0	0	164	0
University of Bridgeport	55	0	0	55	0	0	0	0	0	0	0
University of Connecticut	61,392	5,863	5,341	1,917	1,920	10,665	1,764	28,376	239	5,044	263
University of Hartford	759	0	0	0	216	0	0	176	220	147	0
University of New Haven	163	0	0	0	0	20	0	0	0	143	0
Wesleyan University	2,915	175	38	168	8	130	0	1,390	30	976	0
Western Connecticut St U	41	0	0	0	0	0	0	0	0	41	0
Yale University	182,404	509	0	8,495	25	12,449	0	147,764	1,335	11,827	0
Delaware, total	31,341	5,657	1,649	5,452	2,490	1,193	559	3,131	1,408	9,149	653
Delaware State University	2,824	1,833	0	835	25	0	0	34	18	79	0
Delaware Tech & Cmty Col	261	0	0	0	240	19	0	0	0	0	2
University of Delaware	28,256	3,824	1,649	4,617	2,225	1,174	559	3,097	1,390	9,070	651
District of Columbia, total	124,045	1,933	499	28,889	3,746	871	398	54,408	8,297	10,957	14,047
American University	1,895	0	5	761	8	0	0	255	101	765	0
Catholic U of America	3,047	136	187	643	0	153	0	546	651	621	110
Gallaudet University	2,043	0	0	0	703	0	0	547	127	666	0
George Washington U	30,275	44	225	10,020	1,139	606	204	13,444	3,109	1,272	212
Georgetown University	58,418	54	28	8,802	794	0	50	34,221	0	1,003	13,466
Howard University	24,967	287	54	8,413	1,102	112	144	4,835	3,626	6,302	92
Trinity College DC	13	0	0	0	0	0	0	0	0	13	0
University of DC	3,387	1,412	0	250	0	0	0	560	683	315	167
Florida, total	277,287	21,679	3,750	35,589	6,156	13,343	3,535	115,435	20,763	50,095	6,942
Barry University	1,256	0	0	0	195	0	0	1,043	0	18	0
Bethune Cookman College	673	0	0	0	0	0	0	673	0	0	0
Brevard Community College	35	0	0	0	0	0	0	0	35	0	0
Chipola Junior College	15	0	0	0	0	0	0	0	0	15	0
Eckerd College	58	0	0	0	0	0	0	0	0	58	0
Embry Riddle Aeronautcl U	1,301	0	0	0	200	0	0	111	190	166	634
FL Cmty Col Jacksonville	88	0	0	0	0	0	0	0	0	88	0
Florida A&M University	14,031	3,626	0	2,715	176	0	0	3,541	3,295	584	94
Florida Atlantic U	9,300	0	0	2,566	0	0	0	998	4,516	953	267
Florida Inst of Tech	2,615	0	139	383	0	0	171	755	180	962	25

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Florida, continued:											
Florida International U	8,963	90	0	1,543	120	0	274	2,309	173	1,400	3,054
Florida State University	41,966	183	738	1,935	754	9,657	16	4,103	2,057	22,483	40
Fort Lauderdale U	4	0	0	0	4	0	0	0	0	0	0
Gulf Coast Cmty College	40	0	0	0	0	0	0	0	0	40	0
Jacksonville University	38	0	0	0	0	0	0	0	0	38	0
Nova Southeastern U	933	0	34	95	0	0	0	121	0	683	0
Rollins College	92	0	0	0	0	42	0	0	0	50	0
SE U Health Sciences	464	0	0	0	0	0	0	464	0	0	0
St Johns River Cmty Col	6	0	0	0	0	0	0	0	0	6	0
St Petersburg Junior Col	2	0	0	2	0	0	0	0	0	0	0
Stetson University	24	0	0	0	0	0	0	0	0	24	0
U Central Florida	10,866	0	0	7,898	0	0	0	372	1,431	1,165	0
U South Florida	15,614	60	756	1,125	362	105	118	7,478	1,676	2,785	1,149
U West Florida	2,764	0	0	730	0	18	1,600	242	0	174	0
University of Florida	95,915	17,720	1,813	10,839	3,444	3,133	1,133	41,987	4,454	9,716	1,676
University of Miami	69,919	0	270	5,758	901	388	223	51,040	2,756	8,580	3
University of N Florida	198	0	0	0	0	0	0	198	0	0	0
University of Tampa	49	0	0	0	0	0	0	0	0	49	0
Valencia Community Col	58	0	0	0	0	0	0	0	0	58	0
Georgia, total	255,855	28,898	1,746	50,665	3,349	30,935	5,116	102,280	13,846	16,049	2,971
Agnes Scott College	29	0	0	0	0	0	0	0	0	29	0
Albany State College	134	0	0	0	0	0	0	134	0	0	0
Berry College	1,504	0	0	0	4	0	0	0	0	0	1,500
Brewton Parker College	112	0	0	0	112	0	0	0	0	0	0
Clark Atlanta University	22,439	19	100	2,465	310	13,436	0	1,751	2,677	1,681	0
Columbus College	112	0	0	112	0	0	0	0	0	0	0
DeKalb College	65	0	0	0	0	0	0	0	0	65	0
Emory University	67,482	79	0	1,031	371	317	0	64,051	63	1,570	0
Fort Valley State College	4,788	4,062	0	0	130	446	0	0	0	150	0
Georgia Institute of Tech	51,953	0	244	35,493	82	1,107	3,480	2,712	7,526	0	1,309
Georgia Southern U	777	24	0	0	0	0	0	619	89	45	0
Georgia Southwestern Col	55	0	0	0	0	0	0	0	55	0	0
Georgia State University	6,141	4	0	0	177	238	0	4,440	319	963	0
Inst Paper Sci & Tech	861	88	0	0	0	773	0	0	0	0	0
Kennesaw State College	229	0	0	0	0	0	65	134	0	30	0
Medical College GA	9,361	0	0	10	0	0	0	9,351	0	0	0
Mercer University	9,492	0	0	8,127	0	0	0	1,295	25	45	0
Middle Georgia College	33	0	0	0	33	0	0	0	0	0	0
Morehouse College	2,464	0	0	0	215	0	227	1,857	0	165	0
Morehouse School of Med	4,300	0	0	0	0	106	0	3,663	471	60	0
Morris Brown College	1,223	0	0	827	187	0	0	130	0	79	0
North Georgia College	12	0	0	0	0	0	0	0	0	12	0
Savannah State College	365	365	0	0	0	0	0	0	0	0	0
Southern College of Tech	67	0	0	0	0	0	0	0	0	67	0
Spelman College	2,859	0	0	1,150	0	0	0	0	1,607	102	0
U System of Georgia	740	27	0	0	0	0	0	551	0	0	162
University of Georgia	68,180	24,230	1,402	1,450	1,728	14,463	1,344	11,563	1,014	10,986	0
Valdosta State University	48	0	0	0	0	19	0	29	0	0	0
West Georgia College	30	0	0	0	0	30	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Hawaii, total	67,140	11,860	5,686	3,615	2,231	2,711	35	14,990	9,308	13,581	3,123
Chaminade U of Honolulu	759	0	0	167	0	0	0	592	0	0	0
Hawaii Pacific University	28	0	0	0	0	0	0	28	0	0	0
U Hawaii Hilo	6,257	571	5,686	0	0	0	0	0	0	0	0
U Hawaii Manoa	53,286	11,091	0	3,448	1,711	258	35	13,458	9,308	13,581	396
U Hawaii System Off	6,810	198	0	0	520	2,453	0	912	0	0	2,727
Idaho, total	21,557	10,618	32	492	455	572	663	2,005	311	3,747	2,662
Boise State University	444	0	32	166	0	0	0	0	0	227	19
Idaho State University	1,137	72	0	0	80	495	0	271	31	176	12
Lewis Clark State College	44	0	0	0	0	19	0	0	0	25	0
North Idaho College	971	0	0	0	0	0	0	970	0	0	1
University of Idaho	18,961	10,546	0	326	375	58	663	764	280	3,319	2,630
Illinois, total	457,096	23,930	2,260	36,086	9,802	23,521	775	218,698	12,392	125,812	3,820
Aurora College	25	0	0	0	0	0	0	25	0	0	0
Belleville Area College	41	0	0	0	0	0	0	0	0	41	0
Black Hawk College	67	0	0	0	67	0	0	0	0	0	0
Bradley University	868	0	0	0	0	0	0	29	0	791	48
Chicago State University	1,761	0	0	1	164	0	0	44	0	1,552	0
City Colleges of Chicago	409	0	0	0	21	356	0	0	0	32	0
College of Du Page	38	0	0	0	0	0	0	0	0	38	0
Columbia College IL	92	0	0	92	0	0	0	0	0	0	0
De Paul University	1,272	0	0	23	120	0	0	638	0	491	0
East West University	164	0	0	0	164	0	0	0	0	0	0
Eastern Illinois U	687	0	0	0	101	0	0	0	0	586	0
Elmhurst College	725	0	0	0	0	0	0	0	0	725	0
Eureka College	7	0	0	0	0	0	0	0	0	7	0
Finch U Hlth Sci	5,008	0	0	0	0	0	0	4,882	0	126	0
Governors State U	58	0	0	0	0	0	0	58	0	0	0
Illinois Benedictine Col	73	0	0	0	0	0	0	0	37	36	0
Illinois Inst of Tech	7,435	0	0	2,216	548	138	171	3,246	269	847	0
Illinois State University	1,703	257	0	0	276	0	0	572	0	598	0
Illinois Valley Cmty Col	13	0	0	0	0	0	0	0	0	13	0
Illinois Wesleyan U	352	0	0	0	4	0	0	0	54	294	0
John A Logan College	11	0	0	0	0	0	0	11	0	0	0
John Wood Community Col	29	0	0	0	0	0	0	0	0	29	0
Joliet Jr College	120	0	0	0	0	0	0	0	0	120	0
Kishwaukee College	9	0	0	0	0	0	0	0	0	9	0
Knox College	280	0	0	0	0	0	0	39	0	241	0
Lake Forest College	160	0	0	0	0	0	0	0	0	160	0
Lewis University	18	0	0	0	0	0	0	18	0	0	0
Loyola U Chicago	9,885	4	0	214	0	20	242	8,176	0	1,229	0
Midwestern University	1,070	0	0	0	0	0	0	1,070	0	0	0
Millikin University	27	0	0	0	0	0	0	0	0	27	0
Monmouth College IL	35	0	0	0	0	0	0	0	0	35	0
Northeastern Illinois U	314	0	0	0	314	0	0	0	0	0	0
Northern Illinois U	6,381	149	0	278	1,854	233	0	1,121	0	2,693	53
Northwestern University	90,920	551	0	11,466	1,824	3,546	0	47,984	1,530	20,702	3,317
Olivet Nazarene U	4	0	0	0	4	0	0	0	0	0	0
Rockford College	20	0	0	0	0	20	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Illinois, continued:											
Rush University	768	0	0	0	0	0	0	768	0	0	0
S Suburban Col Cook Co	13	0	0	0	0	0	0	0	0	13	0
Sangamon State University	59	0	0	0	0	0	0	0	0	59	0
Southern IL U Carbondale	9,044	872	0	0	0	1,194	0	6,181	40	625	132
Southern IL U Edwardsville	5,446	0	0	0	0	0	0	4,713	0	733	0
Southern IL University	153	15	0	0	0	0	0	134	0	0	4
St Xavier University	39	0	0	0	0	0	0	39	0	0	0
Trinity Evangel Div Schl	135	0	0	0	135	0	0	0	0	0	0
U IL Central Office	1,683	262	0	248	145	152	0	876	0	0	0
U IL Chicago	58,450	248	2,102	3,837	525	1,280	239	43,611	310	6,298	0
U IL Med Ctr Chicago	45	0	0	45	0	0	0	0	0	0	0
U IL Urbana Champaign	138,304	21,331	50	14,370	3,075	12,231	45	22,887	3,675	60,374	266
University of Chicago	111,924	107	108	3,242	188	4,351	0	71,576	6,477	25,875	0
Western Illinois U	944	134	0	54	265	0	78	0	0	413	0
Wheaton College IL	8	0	0	0	8	0	0	0	0	0	0
Indiana, total	206,961	24,638	749	12,713	1,641	29,288	684	82,660	4,678	47,381	2,529
Ball State University	608	30	0	0	67	0	0	409	0	102	0
Col Court Report Hobart	204	0	0	0	204	0	0	0	0	0	0
De Pauw University	16	0	0	0	0	0	0	0	16	0	0
Earlham College	107	0	0	0	0	0	0	0	47	60	0
Franklin Col of Indiana	14	0	0	0	0	0	0	0	0	14	0
Indiana St U All Campuses	622	4	0	0	0	0	0	114	60	438	6
Indiana University	99,726	2,354	530	2,655	1,310	14,135	282	56,191	907	20,539	823
Indiana Wesleyan U	24	0	0	0	0	0	0	24	0	0	0
Manchester College	12	0	0	0	0	0	0	0	12	0	0
Oakland City College	4	0	0	0	4	0	0	0	0	0	0
Purdue University	89,899	22,247	161	8,726	10	11,189	277	22,091	3,029	20,469	1,700
Rose Hulman Inst of Tech	227	0	0	0	0	0	0	0	17	210	0
St Marys Col IN	33	3	0	0	0	0	0	0	0	30	0
Taylor University	15	0	0	0	0	0	0	0	0	15	0
U Indianapolis	18	0	0	0	0	0	0	0	0	18	0
University of Evansville	60	0	0	0	0	0	0	19	0	41	0
University of Notre Dame	15,140	0	58	1,332	46	3,814	125	3,794	526	5,445	0
Valparaiso University	232	0	0	0	0	150	0	18	64	0	0
Iowa, total	154,487	27,778	647	5,515	2,789	6,958	1,837	80,327	7,125	14,501	7,010
Buena Vista College	35	0	0	0	0	0	0	0	0	35	0
Central College IA	35	0	0	0	0	0	0	0	0	35	0
Clarke College IA	14	0	0	0	0	0	0	0	0	14	0
Coe College	133	0	0	0	0	0	0	0	0	110	23
Cornell College	10	0	0	0	0	0	0	0	0	10	0
Divine Word College	29	0	0	0	0	0	0	0	0	29	0
Dordt College	63	0	0	0	0	0	0	0	0	63	0
Drake University	746	0	0	0	566	0	0	88	59	33	0
Graceland College	23	0	0	0	0	0	0	0	0	23	0
Grinnell College	98	0	0	0	0	0	14	0	0	84	0
Iowa State University	56,984	27,303	440	1,874	506	5,912	1,063	5,476	1,540	7,325	5,545
Kirkwood Community Col	256	0	0	0	0	0	0	256	0	0	0
Luther College	41	0	0	0	0	0	0	0	0	41	0
Maharishi Intl University	845	0	0	0	0	0	0	774	0	71	0
Simpson College IA	30	0	0	0	0	0	0	0	0	30	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Iowa, continued:											
St Ambrose University	22	0	0	0	0	0	0	0	0	22	0
U Northern Iowa	1,358	0	0	189	200	0	700	0	29	240	0
University of Iowa	93,405	475	207	3,452	1,517	709	60	73,733	5,497	6,313	1,442
Upper Iowa University	337	0	0	0	0	337	0	0	0	0	0
William Penn College	23	0	0	0	0	0	0	0	0	23	0
Kansas, total	74,904	15,147	0	9,929	2,296	3,786	2,060	27,380	2,434	10,278	1,594
Benedictine College	50	0	0	0	0	0	0	0	0	50	0
Bethel College KS	50	0	0	0	0	0	0	0	0	50	0
Emporia State University	195	0	0	0	169	0	0	0	26	0	0
Kansas City Kansas CC	1	0	0	0	0	0	0	0	0	0	1
Kansas Newman College	11	0	0	0	0	0	0	0	0	11	0
Kansas State University	35,374	15,013	0	8,250	41	2,937	1,854	2,703	1,056	3,194	326
Pittsburg State U	221	0	0	0	0	0	0	0	0	221	0
Seward County Cmty Col	458	0	0	0	458	0	0	0	0	0	0
University of Kansas	36,427	134	0	1,614	1,628	849	206	24,050	1,270	6,409	267
Wichita State University	2,117	0	0	65	0	0	0	627	82	343	1,000
Kentucky, total	77,019	23,332	56	1,412	1,146	5,408	776	35,014	906	8,365	604
Berea College	21	0	0	0	0	0	0	0	0	21	0
Centre College	37	0	0	0	4	0	0	0	0	33	0
Eastern Kentucky U	364	0	0	0	0	0	0	81	0	283	0
Kentucky State University	5,285	5,281	0	0	4	0	0	0	0	0	0
Murray State University	60	43	0	0	0	0	0	0	0	17	0
Northern Kentucky U	326	0	0	0	0	0	107	90	0	129	0
Spalding University	30	0	0	0	0	0	0	30	0	0	0
Transylvania University	131	0	0	0	0	0	0	105	0	26	0
University of Kentucky	60,649	18,008	56	597	1,050	4,831	669	26,989	474	7,443	532
University of Louisville	8,268	0	0	815	88	178	0	6,326	432	357	72
Western Kentucky U	1,848	0	0	0	0	399	0	1,393	0	56	0
Louisiana, total	124,343	17,271	1,215	17,899	1,315	18,518	4,771	46,945	2,376	7,695	6,338
Centenary College of LA	46	0	0	0	0	0	0	0	0	46	0
Dillard University	120	76	0	0	24	20	0	0	0	0	0
Grambling State U	708	0	0	205	47	0	0	230	0	180	46
LA St U System Office	424	68	0	0	136	0	0	0	0	0	220
LA U Marine Consortium	599	0	30	0	0	267	0	0	0	0	302
Louisiana College	10	10	0	0	0	0	0	0	0	0	0
Louisiana State U	81,596	13,516	1,171	14,801	377	12,703	3,620	25,801	1,570	5,266	2,771
Louisiana Tech University	629	209	0	142	105	0	0	0	24	149	0
Loyola U New Orleans	36	0	0	0	0	0	0	0	0	36	0
McNeese State University	134	0	0	0	0	17	0	50	0	67	0
Nicholls State University	29	0	0	0	0	0	0	0	0	29	0
Northeast Louisiana U	326	5	0	28	0	0	20	203	0	70	0
Northwest State U	105	50	0	0	0	0	0	55	0	0	0
Southeastern Louisiana U	571	0	0	36	377	0	0	0	0	158	0
Southern U & A&M College	7,108	3,061	14	1,312	167	0	391	1,138	335	502	188
Tulane University	27,629	75	0	1,062	12	5,090	375	17,605	168	889	2,353
U Southwestern Louisiana	2,382	184	0	224	70	0	0	1,001	142	303	458
Xavier University LA	1,891	17	0	89	0	421	365	862	137	0	0

See explanatory information, if any, and SOURCE at end of table.

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Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Maine, total	21,668	8,298	4,623	348	837	1,420	1,544	823	175	3,120	480
Bates College	82	0	0	0	0	0	0	0	0	82	0
Bowdoin College	753	0	0	0	0	0	0	0	65	688	0
Colby College	62	0	0	0	0	0	0	0	13	49	0
College of the Atlantic	38	0	0	0	0	0	0	0	0	38	0
Maine Maritime Academy	35	0	0	0	0	0	0	0	0	35	0
Northern Maine Tech Col	100	0	0	0	0	0	0	0	0	0	100
St Josephs Col ME	28	0	0	0	0	0	0	0	0	28	0
U Maine Augusta	1,249	0	0	0	0	1,249	0	0	0	0	0
U Maine Machias	39	0	0	0	39	0	0	0	0	0	0
U Maine Presque Isle	23	23	0	0	0	0	0	0	0	0	0
U Maine System Office	5,343	323	4,623	0	0	0	0	201	0	0	196
University of Maine	13,638	7,952	0	348	798	171	1,544	382	97	2,162	184
University of New England	48	0	0	0	0	0	0	36	0	12	0
University of S Maine	230	0	0	0	0	0	0	204	0	26	0
Maryland, total	862,167	14,419	5,673	447,185	3,551	14,498	5,123	298,245	29,418	42,677	1,378
Allegany Community Col	12	0	0	0	0	0	0	0	0	12	0
Bowie State University	731	0	0	150	0	0	0	128	209	169	75
Capitol College	66	0	0	0	0	0	0	0	66	0	0
Catonsville Cmty College	91	0	0	0	0	0	90	0	0	0	1
Charles County Cmty Col	47	0	0	0	31	0	0	0	16	0	0
Chesapeake College	31	0	0	0	0	0	0	0	0	31	0
Col of Notre Dame MD	128	0	0	0	0	0	0	0	0	128	0
Coppin State College	500	0	0	0	0	0	0	500	0	0	0
Frostburg State U	18	0	0	0	0	0	0	0	0	18	0
Garrett Community College	100	0	0	0	100	0	0	0	0	0	0
Goucher College	19	0	0	0	0	0	0	0	0	19	0
Howard Community College	190	0	0	0	0	0	0	0	0	190	0
Johns Hopkins University	701,097	170	260	430,903	2,808	5,487	377	238,017	10,169	12,792	114
Loyola College	110	0	0	0	0	0	0	0	22	88	0
Montgomery College	17	0	0	0	0	0	0	0	0	17	0
Morgan State University	2,677	0	0	528	0	468	304	257	348	686	86
Mount St Marys Col MD	86	46	0	0	0	0	0	0	0	40	0
Prince Georges Cmty Col	263	0	0	0	0	0	0	0	117	146	0
Salisbury State U	62	10	35	0	0	0	0	0	0	17	0
St Marys Col MD	144	0	10	0	0	0	0	134	0	0	0
Towson State University	641	0	0	0	0	0	109	0	0	532	0
U MD Baltimore	52,466	0	75	2,065	0	0	590	49,093	0	643	0
U MD Baltimore County	7,693	293	125	313	0	263	73	2,140	562	3,924	0
U MD College Park	85,730	11,079	4,680	11,872	165	7,887	1,995	7,155	17,783	22,815	299
U MD Eastern Shore	3,806	2,811	0	78	447	0	0	370	89	11	0
U MD University Col	1,783	0	0	1,276	0	0	0	314	0	82	111
U Maryland Sys Admin	1,720	10	488	0	0	393	0	137	0	0	692
U of MD Center for EES	1,622	0	0	0	0	0	1,585	0	37	0	0
Washington College	71	0	0	0	0	0	0	0	0	71	0
Western Maryland College	246	0	0	0	0	0	0	0	0	246	0
Massachusetts, total	854,337	22,288	6,116	180,079	5,843	78,041	9,688	341,260	50,898	153,133	6,991
Amherst College	820	0	0	19	4	0	0	250	0	547	0
Assumption College	328	0	0	0	231	0	0	97	0	0	0
Boston College	8,655	15	0	3,381	105	197	0	2,705	127	1,944	181
Boston University	107,389	50	0	36,070	3,559	3,460	609	52,056	1,615	9,921	49

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Massachusetts, continued:											
Brandeis University	22,706	0	0	2,788	0	852	0	13,182	397	3,787	1,700
Bridgewater State College	204	0	0	0	0	0	0	76	0	128	0
Bristol Community College	40	0	0	0	0	0	0	0	0	40	0
Clark University	2,081	0	88	456	0	222	272	217	91	735	0
Col of Our Lady of Elms	171	0	0	0	0	0	0	96	0	75	0
Col of the Holy Cross	574	0	0	0	4	0	0	306	13	251	0
Emerson College	301	0	0	0	141	0	0	160	0	0	0
Endicott College	75	0	0	0	0	0	0	75	0	0	0
Five Colleges Inc	653	0	0	0	0	0	0	0	0	653	0
Greenfield Community Col	40	0	0	0	40	0	0	0	0	0	0
Hampshire College	331	0	0	0	39	0	0	0	0	292	0
Harvard University	187,932	127	0	10,064	86	5,532	2,509	138,738	6,564	24,070	242
Lesley College	152	0	0	0	0	0	0	0	0	152	0
MA Inst of Technology	276,265	597	4,258	61,801	347	62,721	1,926	56,324	39,100	46,160	3,031
Merrimack College	328	0	0	0	0	0	250	0	0	78	0
Mount Holyoke College	921	0	0	0	0	75	0	95	0	751	0
Mount Wachusett Cmty Col	30	0	0	0	30	0	0	0	0	0	0
New England Col Optometry	104	0	0	0	0	0	0	104	0	0	0
Northeastern University	26,935	0	0	17,552	99	404	348	3,433	0	5,099	0
Radcliffe College	343	0	0	342	0	0	0	0	0	0	1
Salem State College	76	0	0	0	0	0	0	76	0	0	0
Simmons College	594	0	0	0	80	0	0	514	0	0	0
Smith College	327	0	0	0	106	0	0	94	0	127	0
Springfield College MA	166	0	0	0	36	0	0	130	0	0	0
Springfield Tech Cmty Col	53	0	0	0	0	0	0	0	0	53	0
Suffolk University	150	0	0	0	150	0	0	0	0	0	0
Tufts University	49,179	11,910	105	1,240	195	1,159	3,400	27,072	253	3,834	11
U MA Amherst	40,237	8,762	0	9,630	0	1,028	103	6,108	1,651	12,824	131
U MA Boston	4,079	200	0	707	516	206	50	1,715	0	685	0
U MA Central Office	858	146	140	0	0	0	0	0	0	0	572
U MA Dartmouth	1,335	0	0	0	0	0	0	110	0	1,225	0
U MA Lowell	3,610	75	0	1,290	71	402	98	1,187	0	487	0
U MA Worcester	36,639	248	0	517	0	0	0	34,911	0	963	0
Wellesley College	2,384	0	0	0	0	0	123	883	137	1,241	0
Wentworth Inst of Tech	1,959	0	0	1,861	0	0	0	0	0	98	0
Wheaton College MA	32	0	0	0	0	0	0	0	0	32	0
Williams College	825	0	0	0	4	0	0	327	5	489	0
Woods Hole Oceangraphic	66,821	0	1,465	27,517	0	1,528	0	120	817	34,790	584
Worcester Polytech Inst	7,635	158	60	4,844	0	255	0	99	128	1,602	489
Michigan, total	426,747	41,602	838	27,340	5,719	16,097	8,568	208,586	40,338	73,146	4,513
Albion College	47	0	0	0	0	0	0	0	0	47	0
Alma College	222	0	0	0	0	0	0	0	0	222	0
Andrews University	218	0	0	0	0	0	0	0	0	218	0
Calvin College	278	0	0	0	0	0	0	0	0	278	0
Central Michigan U	289	0	0	0	0	0	0	150	0	139	0
Cnsrtm Intl Earth Sci Info	27,000	0	0	0	0	0	0	0	27,000	0	0
Cranbrook Acad of Art	202	0	0	0	202	0	0	0	0	0	0
Delta College	603	0	0	0	0	19	0	0	584	0	0
Eastern Michigan U	984	120	0	0	0	0	0	333	0	531	0
Ferris State University	106	0	0	0	0	0	0	106	0	0	0
GMI Engineering Mgt Inst	428	0	0	0	0	0	0	0	0	428	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Michigan, continued:											
Grand Valley State U	1,348	0	0	0	188	0	25	17	74	1,033	11
Hope College	591	0	0	0	4	0	0	104	69	414	0
Kalamazoo College	700	0	0	0	4	0	0	171	0	525	0
Lake Michigan College	23	0	0	0	0	0	0	0	0	23	0
Lake Superior State U	48	0	0	0	0	0	0	0	0	48	0
Lawrence Technological U	10	0	0	0	0	0	0	0	0	10	0
Madonna University	87	0	0	0	0	0	0	0	0	87	0
Michigan State University	98,658	40,425	0	1,543	2,002	5,762	587	21,755	284	26,090	210
Michigan Tech University	7,902	397	0	2,703	19	897	963	0	429	2,124	370
Northern Michigan U	743	0	0	550	193	0	0	0	0	0	0
Oakland University	2,948	0	0	0	0	48	0	2,470	0	430	0
Saginaw Valley State U	853	0	0	0	0	0	853	0	0	0	0
Schoolcraft College	121	0	0	121	0	0	0	0	0	0	0
U of Detroit Mercy	1,621	80	0	144	0	0	1,200	68	0	129	0
University of Michigan	233,908	580	774	20,221	235	8,748	4,552	147,507	11,366	36,003	3,922
Wayne State University	42,735	0	64	1,961	1,021	525	310	35,385	521	2,948	0
West Shore Community Col	210	0	0	0	210	0	0	0	0	0	0
Western Michigan U	3,864	0	0	97	1,641	98	78	520	11	1,419	0
Minnesota, total	198,574	22,099	293	15,821	5,069	6,310	2,438	107,921	3,890	32,807	1,926
Augsburg College	860	0	0	219	0	0	0	0	0	641	0
Bemidji State University	130	0	0	0	0	0	0	95	35	0	0
Bethel College & Seminary	4	0	0	0	0	0	0	0	0	4	0
Carleton College	705	0	0	2	0	0	0	0	0	703	0
College of St Benedict	16	0	0	0	0	0	0	0	0	16	0
College of St Catherine	65	0	0	0	0	0	0	51	0	14	0
College of St Scholastica	109	0	0	0	0	0	0	109	0	0	0
Concordia Col Moorhead	69	0	0	0	4	0	0	0	0	65	0
Gustavus Adolphus College	215	0	0	0	4	0	0	0	0	211	0
Hamline University	150	0	0	0	0	0	0	0	0	150	0
Macalester College	210	0	0	0	0	0	0	0	0	210	0
Mankato State University	174	0	0	0	0	0	0	91	30	53	0
Moorhead State University	102	0	0	0	0	0	0	102	0	0	0
Normandale Community Col	220	0	0	0	220	0	0	0	0	0	0
Southwest State U	100	100	0	0	0	0	0	0	0	0	0
St Cloud Business Col	8	0	0	0	8	0	0	0	0	0	0
St Cloud State University	324	50	139	0	0	19	0	0	0	116	0
St Marys Col MN	34	0	0	0	0	0	0	24	0	10	0
St Olaf College	362	0	0	0	0	0	0	23	0	339	0
St Paul Tech College	6	6	0	0	0	0	0	0	0	0	0
U of St Thomas MN	31	0	0	0	0	0	0	6	0	25	0
University of Minnesota	194,575	21,943	154	15,600	4,833	6,291	2,438	107,405	3,825	30,160	1,926
Winona State University	105	0	0	0	0	0	0	15	0	90	0
Mississippi, total	71,937	29,448	43	6,295	2,210	7,347	427	12,594	2,050	9,631	1,892
Alcorn State University	3,926	3,791	0	65	0	0	0	70	0	0	0
Delta State University	4	0	0	0	4	0	0	0	0	0	0
Hinds Cmty Col Raymond	369	0	0	0	369	0	0	0	0	0	0
Jackson State University	8,717	20	0	940	306	1,535	150	2,811	89	2,496	370
MS Gulf Cst CC Perkinstn	197	0	0	0	155	0	0	0	0	42	0
Millsaps College	2	0	0	2	0	0	0	0	0	0	0
Mississippi College	10	0	0	0	0	0	0	0	0	10	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Mississippi, continued:											
Mississippi State U	33,255	22,275	0	1,657	1,051	2,171	179	424	1,178	4,062	258
Mississippi U for Women	45	0	0	0	0	0	0	45	0	0	0
Mississippi Valley St U	779	648	0	0	112	0	0	0	19	0	0
Pearl River Cmty College	25	0	0	0	0	0	0	0	25	0	0
Rust College	636	25	0	163	0	0	0	448	0	0	0
Tougaloo College	744	0	0	0	0	0	0	744	0	0	0
U Southern Mississippi	6,110	1,227	43	1,729	124	151	0	600	100	2,136	0
University of Mississippi	17,118	1,462	0	1,739	89	3,490	98	7,452	639	885	1,264
Missouri, total	228,773	25,372	245	6,617	3,109	4,435	276	164,591	4,850	17,133	2,145
Avila College	83	0	0	0	0	0	0	0	0	82	1
Drury College	4	0	0	0	4	0	0	0	0	0	0
Hannibal La Grange Col	51	0	0	0	51	0	0	0	0	0	0
Harris Stowe State Col	4	0	0	0	0	0	0	0	0	0	4
Kirksville Col Osteo Med	1,149	0	0	0	0	0	0	1,149	0	0	0
Lincoln University MO	5,037	4,443	0	0	0	0	0	576	0	0	18
Missouri Southern St Col	4	0	0	0	4	0	0	0	0	0	0
North Central MO Col	1,117	0	0	0	0	0	0	1,117	0	0	0
Northeast Missouri St U	105	0	0	0	0	0	0	0	0	105	0
Northwest Missouri St U	220	0	0	0	220	0	0	0	0	0	0
Park College	22	0	0	0	0	0	0	0	0	22	0
Rockhurst College	15	0	0	0	0	0	0	0	0	15	0
Southeast Missouri St U	201	0	0	0	29	0	0	9	0	163	0
Southwest Missouri St U	494	0	0	0	80	0	0	0	0	414	0
St Louis Community Col	35	0	0	0	0	0	0	0	0	34	1
St Louis University	16,395	0	0	168	0	0	0	15,421	151	405	250
U Missouri Columbia	41,937	20,599	0	1,253	0	1,584	195	13,691	242	3,942	431
U Missouri Kansas City	5,003	0	0	281	0	103	0	4,508	0	103	8
U Missouri Rolla	6,260	0	0	1,425	0	449	0	232	403	2,712	1,039
U Missouri St Louis	2,679	120	0	365	0	0	31	858	0	1,305	0
U Missouri System Admin	3,619	98	245	0	2,704	193	0	74	0	0	305
Washington University	144,275	112	0	3,125	17	2,106	50	126,956	4,054	7,767	88
William Jewell College	64	0	0	0	0	0	0	0	0	64	0
Montana, total	30,352	9,526	0	929	804	936	487	3,910	1,122	11,468	1,170
Blackfeet Community Col	1	0	0	0	0	0	0	0	0	0	1
Carroll College MT	8	8	0	0	0	0	0	0	0	0	0
MT State U Billings	43	0	0	0	0	0	0	0	33	10	0
MT State U Bozeman	20,509	8,745	0	929	65	46	336	2,016	529	7,229	614
MT Tech U of MT	178	8	0	0	4	0	0	0	0	92	74
Montana U Sys Sys Off	2,187	662	0	0	0	0	0	0	0	1,525	0
Salish Kootenai College	397	0	0	0	0	0	30	365	0	0	2
University of Montana	7,029	103	0	0	735	890	121	1,529	560	2,612	479
Nebraska, total	50,555	16,335	0	1,308	235	1,016	432	20,053	1,099	9,693	384
Chadron State College	20	0	0	0	0	0	0	0	0	19	1
Creighton University	4,480	0	0	0	127	105	0	3,791	0	457	0
Doane College	99	0	0	0	0	0	0	0	0	99	0
Peru State College	20	0	0	0	0	0	0	20	0	0	0
U NE Ctrl Admin Sys Off	837	150	0	0	12	533	0	0	0	0	142
U Nebraska Kearney	108	0	0	0	0	0	0	0	0	108	0
U Nebraska Lincoln	31,481	16,185	0	1,308	96	128	432	3,449	882	8,760	241
U Nebraska Med Ctr Omaha	12,853	0	0	0	0	0	0	12,743	0	110	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Nebraska, continued:											
U Nebraska Omaha	657	0	0	0	0	250	0	50	217	140	0
Nevada, total	29,709	3,691	1,661	685	348	3,843	6,104	7,139	746	3,694	1,798
Cmty Col Southern Nevada	80	0	0	0	0	65	0	0	0	0	15
Desert Research Institute	7,529	20	0	0	0	2,130	3,781	0	333	1,235	30
Northern Nevada Cmty Col	850	0	850	0	0	0	0	0	0	0	0
Sierra Nevada College	18	0	0	0	0	18	0	0	0	0	0
U & Cmty Col NV Sys Off	995	0	751	0	0	0	0	0	0	81	163
U Nevada Las Vegas	5,524	274	0	485	348	1,298	1,927	483	183	412	114
U Nevada Reno	14,713	3,397	60	200	0	332	396	6,656	230	1,966	1,476
New Hampshire, total	69,368	4,798	943	3,551	428	1,569	1,310	35,630	11,423	9,308	408
Colby-Sawyer College	121	0	0	0	0	0	0	101	0	20	0
Dartmouth College	43,641	321	317	3,065	138	742	223	32,210	960	5,655	10
Franklin Pierce Law Ctr	7	0	0	0	0	7	0	0	0	0	0
Notre Dame College NH	40	0	0	0	40	0	0	0	0	0	0
Rivier College	7	0	0	0	0	0	0	7	0	0	0
St Anselm College	22	0	0	0	0	0	0	0	0	22	0
U NH Keene State Col	40	0	0	0	0	0	0	0	0	40	0
U NH Plymouth St Col	96	0	0	0	96	0	0	0	0	0	0
U New Hampshire	25,270	4,477	626	486	150	820	1,087	3,312	10,463	3,571	278
U System of NH Sys Off	124	0	0	0	4	0	0	0	0	0	120
New Jersey, total	220,654	11,813	1,912	35,801	2,543	21,778	6,087	82,199	6,867	43,230	8,424
Drew University	14	0	0	0	0	0	0	0	0	14	0
Essex County College	160	0	0	0	160	0	0	0	0	0	0
Fairleigh Dickinson U	42	0	0	0	8	0	0	0	0	34	0
Middlesex County College	20	0	0	0	0	0	0	0	0	20	0
Monmouth College NJ	2,372	0	0	2,300	0	0	0	0	0	72	0
NJ Inst of Technology	9,667	0	0	1,776	296	123	3,972	0	0	2,500	1,000
Passaic County Cmty Col	108	0	0	0	108	0	0	0	0	0	0
Princeton University	65,389	0	296	14,354	17	7,578	155	16,649	4,427	21,818	95
R Stockton State Col NJ	6	0	6	0	0	0	0	0	0	0	0
Ramapo College of NJ	36	0	0	0	0	0	0	0	0	36	0
Raritan Valley Cmty Col	112	0	0	0	0	0	0	0	0	112	0
Rutgers the St U of NJ	83,492	11,813	1,610	14,855	1,503	3,696	1,291	23,591	1,824	16,005	7,304
Seton Hall University	1,237	0	0	0	148	19	229	682	0	159	0
Stevens Institute of Tech	4,071	0	0	2,435	4	297	0	0	254	1,056	25
Trenton State College	79	0	0	0	0	0	0	0	0	79	0
U Med & Dent of NJ	53,773	0	0	81	299	10,065	440	41,201	362	1,325	0
William Paterson College	76	0	0	0	0	0	0	76	0	0	0
New Mexico, total	124,873	7,174	59	50,209	1,158	7,898	205	17,642	25,922	13,115	1,491
College of Santa Fe	80	0	0	0	0	0	0	0	0	0	80
Eastern New Mexico U	29	0	0	29	0	0	0	0	0	0	0
NM Inst Mining & Tech	8,414	150	0	5,340	0	1,266	0	0	49	1,012	597
New Mexico Highlands U	1,208	0	0	209	164	0	0	502	177	156	0
New Mexico State U	54,072	7,008	59	13,506	38	4,973	65	2,464	21,757	3,467	735
San Juan College	71	0	0	0	63	0	0	0	0	0	8
University of New Mexico	60,999	16	0	31,125	893	1,659	140	14,676	3,939	8,480	71

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, total	1,063,118	29,393	1,704	67,995	5,689	83,813	14,054	633,843	27,543	192,789	6,295
Adelphi University	186	0	0	0	0	0	0	186	0	0	0
Albany Col of Pharmacy	94	0	0	0	0	0	0	94	0	0	0
Albany Medical College	8,260	0	0	0	0	0	150	8,110	0	0	0
Alfred University	1,251	0	62	475	93	276	0	0	0	345	0
Bank Street Col of Ed	181	0	0	0	107	0	0	0	0	74	0
Barnard College	984	0	0	93	0	0	0	714	0	177	0
CUNY Bernard Baruch Col	421	0	0	379	0	0	0	23	0	19	0
CUNY Bronx Cmty College	978	0	0	0	0	0	0	978	0	0	0
CUNY Brooklyn College	1,373	0	114	0	0	127	0	484	50	598	0
CUNY City College	10,239	0	15	1,200	0	719	100	2,344	415	4,246	1,200
CUNY Col Staten Island	461	0	0	0	0	35	0	281	40	105	0
CUNY Grad Schl & U Ctr	2,627	0	0	12	0	0	0	1,774	0	841	0
CUNY H H Lehman College	1,633	0	0	0	0	35	0	446	0	1,152	0
CUNY Hostos Cmty College	59	0	0	0	0	0	0	0	0	59	0
CUNY Hunter College	4,604	0	0	546	194	0	0	2,963	24	877	0
CUNY J Jay Col Crim Just	138	0	0	0	0	0	0	0	0	138	0
CUNY Laguardia Cmty Col	310	0	0	0	0	0	0	310	0	0	0
CUNY Mt Sinai Schl of Med	45,262	0	0	0	0	95	0	44,601	384	182	0
CUNY NY City Tech Col	333	0	0	0	0	233	0	0	0	100	0
CUNY Queens College	1,803	0	0	362	0	92	0	1,034	0	315	0
CUNY Queensboro Cmty Col	458	0	0	0	0	0	0	0	0	458	0
CUNY System Office	3,080	0	0	1,795	0	0	0	0	132	1,153	0
CUNY York College	79	0	0	0	0	0	0	79	0	0	0
Clarkson University	5,562	0	0	1,151	49	327	174	302	2,069	1,490	0
Col of Mount St Vincent	22	0	0	0	0	0	0	22	0	0	0
Colgate University	670	0	0	0	8	0	0	183	0	479	0
College of New Rochelle	17	0	0	0	0	0	0	17	0	0	0
College of St Rose	117	0	0	0	0	0	0	0	0	117	0
Columbia U Central Off	710	0	0	0	0	0	0	710	0	0	0
Columbia U City New York	205,791	10	1,405	9,272	8	15,794	10,091	128,901	6,666	32,750	894
Cooper Union	183	0	0	0	0	0	0	0	50	133	0
Cornell University	216,602	26,725	108	17,656	0	4,727	245	83,193	8,133	74,806	1,009
D'Youville College	93	0	0	0	28	0	0	65	0	0	0
Dowling College	41	0	0	0	0	0	0	0	0	41	0
Elmira College	226	0	0	0	0	0	0	0	0	226	0
Fordham University	2,314	0	0	0	4	0	0	1,761	0	549	0
Hamilton College	118	0	0	0	0	0	0	0	0	118	0
Hartwick College	38	0	0	0	0	0	0	0	0	38	0
Hobart Wm Smith Colleges	334	0	0	0	0	0	0	0	0	334	0
Hofstra University	717	0	0	0	113	0	0	149	101	354	0
Iona College	158	0	0	0	28	0	0	0	0	130	0
Ithaca College	757	0	0	0	0	0	0	0	0	757	0
Long Island University	298	0	0	0	4	0	0	0	0	294	0
Manhattan College	396	0	0	0	91	36	189	0	0	80	0
Mercy College NY	93	0	0	0	93	0	0	0	0	0	0
New School Social Rsch	216	0	0	0	0	0	0	176	0	40	0
New York Inst Technology	491	0	0	375	0	0	0	78	0	38	0
New York Medical College	15,185	156	0	0	1,266	0	0	13,664	0	99	0
New York University	82,332	70	0	5,080	880	3,799	1,018	65,631	359	5,495	0
Niagara University	97	0	0	0	0	0	0	66	31	0	0

See explanatory information, if any, and SOURCE at end of table.

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Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other 1
New York, continued:											
Pace University	426	0	0	0	0	39	0	387	0	0	0
Polytechnic University	6,222	0	0	2,933	0	402	0	0	466	2,421	0
Pratt Institute	4	0	0	0	0	0	0	0	0	4	0
Rensselaer Polytech Inst	23,327	215	0	8,019	8	2,426	545	1,182	2,281	8,458	193
Rochester Inst Technology	1,203	0	0	0	162	0	0	800	38	203	0
Rockefeller University	36,528	0	0	420	0	1,142	120	33,950	41	855	0
Russell Sage College	214	0	0	0	0	0	0	82	0	132	0
SUNY Adirondack Cmty Col	15	0	0	0	0	0	0	0	0	15	0
SUNY Col A&T Cobleskill	16	0	0	0	0	0	0	0	0	16	0
SUNY Col Brockport	569	0	0	0	0	0	0	0	0	569	0
SUNY Col Buffalo	1,991	0	0	0	1,020	0	0	512	117	342	0
SUNY Col Cortland	199	0	0	0	70	0	0	0	0	129	0
SUNY Col Env Sci & Forest	555	448	0	0	0	0	0	0	0	107	0
SUNY Col Geneseo	199	0	0	0	0	0	0	0	0	199	0
SUNY Col New Paltz	17	0	0	0	0	0	0	17	0	0	0
SUNY Col Old Westbury	418	0	0	0	0	0	0	0	0	418	0
SUNY Col Oneonta	50	0	0	0	0	0	0	0	0	50	0
SUNY Col Oswego	174	0	0	0	0	0	0	0	0	174	0
SUNY Col Plattsburgh	366	0	0	0	0	0	0	330	36	0	0
SUNY Col Potsdam	34	0	0	0	0	0	0	0	0	34	0
SUNY Col Tech Alfred	85	0	0	0	0	0	0	0	0	85	0
SUNY Col Tech Delhi	63	0	0	0	0	0	0	0	0	63	0
SUNY Col of Optometry	197	0	0	0	0	0	0	197	0	0	0
SUNY Dutchess Cmty Col	210	0	0	0	0	0	0	0	0	210	0
SUNY Fashion Inst Tech	919	0	0	884	0	0	0	0	0	35	0
SUNY Hlth Sci Ctr Brookly	13,697	0	0	0	0	0	0	13,440	0	257	0
SUNY Hlth Sci Ctr Syracus	7,898	0	0	0	0	327	0	7,411	0	160	0
SUNY Inst Tech Utica Rome	109	0	0	0	0	0	0	0	0	109	0
SUNY Maritime College	1,310	0	0	0	0	1,310	0	0	0	0	0
SUNY Mohawk Valley CC	32	0	0	0	0	0	0	0	0	32	0
SUNY Nassau Cmty College	103	0	0	0	0	0	0	0	0	103	0
SUNY Purchase Col	120	0	0	0	0	0	0	0	55	65	0
SUNY Suffolk Co Cmty Col	150	0	0	0	0	0	0	0	0	150	0
SUNY System Office	9,016	0	0	4,526	1,153	0	0	230	0	265	2,842
SUNY Ulster Co Cmty Col	24	0	0	0	0	0	24	0	0	0	0
SUNY Westchester Cmty Col	131	0	0	0	0	0	131	0	0	0	0
SUNY at Albany	14,279	1,106	0	462	71	307	577	7,682	999	3,073	2
SUNY at Binghamton	4,592	100	0	232	0	43	0	1,370	328	2,409	110
SUNY at Buffalo	37,598	351	0	557	0	730	545	25,666	428	9,321	0
SUNY at Stony Brook	62,504	14	0	3,437	0	5,417	145	33,772	2,205	17,494	20
Siena College	253	120	0	0	0	0	0	0	0	133	0
St John Fisher College	70	0	0	0	0	0	0	0	0	70	0
St Johns University NY	974	0	0	0	0	0	0	928	0	46	0
St Lawrence University	9	0	0	0	0	0	0	0	0	9	0
Syracuse University	16,356	25	0	3,242	0	1,236	0	7,335	490	4,003	25
Teachers Col Columbia U	1,593	0	0	0	231	0	0	1,362	0	0	0
U State of NY Regents Col	157	0	0	0	0	157	0	0	0	0	0
Union College NY	70	0	0	0	4	0	0	11	0	55	0
University of Rochester	131,252	53	0	4,446	0	43,982	0	70,757	1,605	10,409	0
Vassar College	470	0	0	124	4	0	0	0	0	342	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, continued:											
Wagner College	16	0	0	0	0	0	0	16	0	0	0
Yeshiva University NY	67,942	0	0	317	0	0	0	67,067	0	558	0
North Carolina, total	445,878	37,674	8,188	24,272	6,780	10,061	12,899	284,344	7,547	47,363	6,750
Appalachian St University	632	0	0	0	290	0	0	0	34	308	0
Barber Scotia College	238	0	0	0	24	18	0	0	0	196	0
Belmont Abbey College	19	0	0	0	0	0	0	0	0	19	0
Bennett College NC	710	0	0	0	0	0	0	504	0	206	0
Chowan College	34	0	0	0	0	0	0	0	0	34	0
Davidson College	255	0	0	0	8	0	0	167	0	80	0
Duke University	148,467	745	150	6,919	0	5,720	1,967	117,003	696	14,877	390
East Carolina University	5,574	0	87	910	329	0	0	3,425	48	755	20
Elizabeth City State U	257	0	0	0	207	0	0	0	0	50	0
Elon College	27	0	0	0	0	0	0	0	0	27	0
Fayetteville State U	185	0	0	0	0	0	0	0	73	112	0
Guilford College	32	0	0	0	0	0	0	0	32	0	0
Haywood Cmty College	17	17	0	0	0	0	0	0	0	0	0
Johnson C Smith U	42	0	0	0	0	0	0	42	0	0	0
Livingstone College	306	0	0	0	306	0	0	0	0	0	0
Meredith College	35	0	0	0	0	0	0	0	0	35	0
NC Ag & Tech State U	15,286	5,630	0	4,431	0	306	0	280	2,503	748	1,388
NC State U Raleigh	71,590	26,842	2,652	7,130	784	2,497	4,488	6,768	3,554	15,619	1,256
North Carolina Central U	713	0	0	276	85	0	97	165	0	10	80
Pembroke State University	36	0	0	0	0	0	0	0	36	0	0
Shaw University	1,480	20	0	54	0	0	130	0	36	1,240	0
Southwestern Cmty College	738	0	738	0	0	0	0	0	0	0	0
St Andrews Presbytern Col	40	0	0	0	0	0	0	0	0	40	0
U NC Asheville	278	2	0	0	0	25	0	0	43	208	0
U NC Chapel Hill	141,698	796	41	3,598	2,219	1,381	6,120	116,007	269	10,089	1,178
U NC Charlotte	2,756	0	222	736	276	114	40	80	139	1,149	0
U NC General Admin Off	2,506	0	68	0	0	0	0	0	0	0	2,438
U NC Greensboro	3,209	19	0	74	1,602	0	57	1,223	0	234	0
U NC Wilmington	5,319	0	4,009	79	277	0	0	173	0	781	0
Wake Forest University	42,526	3,573	221	65	8	0	0	38,153	60	446	0
Wake Technical Cmty Col	100	0	0	0	0	0	0	0	0	100	0
Western Carolina U	395	30	0	0	365	0	0	0	0	0	0
Winston Salem State U	378	0	0	0	0	0	0	354	24	0	0
North Dakota, total	37,358	18,898	0	1,353	448	5,409	1,600	3,270	260	1,012	5,108
Jamestown College	136	0	0	0	136	0	0	0	0	0	0
Mayville State University	342	0	0	0	0	0	0	342	0	0	0
Minot State University	2,757	2,114	0	0	312	0	0	292	0	39	0
North Dakota State U	16,803	13,343	0	1,088	0	0	0	544	0	574	1,254
Turtle Mountain Cmty Col	44	0	0	0	0	19	0	0	25	0	0
University of Mary	26	0	0	0	0	0	0	26	0	0	0
University of N Dakota	17,250	3,441	0	265	0	5,390	1,600	2,066	235	399	3,854
Ohio, total	349,018	23,843	1,734	60,484	5,091	6,856	6,767	174,500	23,983	39,569	6,191
Antioch University	160	0	0	0	160	0	0	0	0	0	0
Baldwin Wallace College	123	0	0	0	0	0	0	0	123	0	0
Bowling Green State U	1,886	0	0	201	0	0	206	559	0	900	20
Case Western Reserve U	96,798	252	0	4,760	135	602	0	76,144	6,759	8,086	60
Central State U OH	1,291	0	0	947	0	24	0	0	253	63	4
Cincinnati Col Mort Sci	216	0	0	0	216	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Ohio, continued:											
Cleveland State U	3,908	0	0	0	0	0	0	790	3,025	93	0
Col Mt St Joseph	34	0	0	0	0	0	0	0	0	34	0
College of Wooster	1,245	0	0	0	0	0	0	0	120	1,125	0
Cuyahoga Cmty Col	760	0	0	0	39	0	91	0	603	27	0
Denison University	108	6	0	0	4	47	0	0	51	0	0
Heidelberg College	38	0	0	0	0	0	0	0	20	18	0
John Carroll University	303	0	0	0	0	0	0	0	259	44	0
Kent State University	4,932	0	0	214	0	207	0	745	435	3,331	0
Kenyon College	306	0	0	0	4	0	0	101	50	151	0
Lorain County Cmty Col	20	0	0	0	0	0	0	0	20	0	0
Marietta College	16	0	0	0	0	0	0	0	0	16	0
Medical College OH Toledo	7,486	0	0	250	0	0	0	6,882	0	354	0
Miami University OH	3,218	425	0	0	356	39	389	619	0	1,383	7
N E Ohio U Col of Med	1,210	0	0	0	0	0	0	1,210	0	0	0
Oberlin College	1,093	0	0	0	4	0	0	409	0	680	0
Ohio Northern University	51	0	0	0	0	0	0	0	0	51	0
Ohio State University	104,657	22,525	1,722	5,908	3,772	4,563	276	38,038	4,561	17,220	6,072
Ohio University	2,839	110	12	373	4	573	51	567	426	723	0
Ohio Wesleyan University	204	0	0	66	4	0	0	0	0	134	0
Otterbein College	205	0	0	205	0	0	0	0	0	0	0
Sinclair Community Col	140	0	0	0	0	0	0	0	0	140	0
Terra State Cmty Col	150	0	0	150	0	0	0	0	0	0	0
University of Akron	3,590	23	0	310	160	0	0	852	1,429	816	0
University of Cincinnati	56,185	0	0	3,892	0	637	5,349	41,011	2,332	2,936	28
University of Dayton	41,678	0	0	40,540	4	0	370	87	358	219	0
University of Toledo	3,890	497	0	94	225	145	0	512	2,101	316	0
Wilberforce University	433	5	0	0	0	0	0	0	428	0	0
Wittenberg University	29	0	0	0	4	0	0	0	25	0	0
Wright State University	9,540	0	0	2,474	0	19	35	5,721	605	686	0
Xavier University OH	188	0	0	0	0	0	0	188	0	0	0
Youngstown St University	88	0	0	0	0	0	0	65	0	23	0
Oklahoma, total	65,831	16,876	1,511	5,287	914	6,626	1,321	15,702	7,720	8,777	1,097
Cameron University	50	0	0	50	0	0	0	0	0	0	0
Carl Albert State Col	200	0	0	0	200	0	0	0	0	0	0
East Central University	208	0	0	0	0	0	208	0	0	0	0
Langston University	3,719	3,712	0	0	0	7	0	0	0	0	0
Murray State College	19	0	0	0	0	19	0	0	0	0	0
Northeastern State U	25	0	0	0	0	0	0	25	0	0	0
Oklahoma State University	29,838	12,912	0	3,930	0	384	429	1,346	7,125	3,361	351
Redlands Cmty College	9	9	0	0	0	0	0	0	0	0	0
Southeastern OK St U	52	0	0	0	0	0	0	52	0	0	0
St Gregorys College	27	0	0	0	0	0	0	0	0	27	0
U of Central Oklahoma	106	49	0	0	0	0	0	0	0	57	0
University of Oklahoma	27,419	145	111	1,166	714	4,806	518	14,040	595	4,603	721
University of Tulsa	2,759	49	0	141	0	1,410	166	239	0	729	25
Western Oklahoma St Col	1,400	0	1,400	0	0	0	0	0	0	0	0
Oregon, total	159,513	21,178	2,441	13,460	5,647	15,075	3,398	63,282	3,835	26,929	4,268
Central Oregon Cmty Col	593	0	0	0	0	0	0	593	0	0	0
Clatsop Community College	19	0	0	0	0	0	0	0	0	19	0
Concordia College OR	38	0	0	0	0	0	0	0	0	38	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Oregon, continued:											
Eastern Oregon St College	222	172	0	0	0	0	0	0	0	50	0
Lewis & Clark College	170	0	0	0	76	0	0	0	0	94	0
Linfield College	191	0	0	151	0	0	0	0	0	40	0
Mount Hood Community Col	1,268	0	0	0	0	0	0	1,268	0	0	0
Oregon Grad Inst Sci Tech	10,264	0	0	5,352	0	609	182	1,690	192	2,139	100
Oregon Hlth Sciences U	52,299	150	0	77	0	10,000	119	41,346	0	607	0
Oregon Institute of Tech	320	0	0	0	0	300	0	0	0	20	0
Oregon State University	65,003	20,437	2,441	6,714	0	1,311	2,923	7,522	3,321	16,797	3,537
Pacific University	35	0	0	0	0	19	0	0	0	16	0
Portland State University	1,875	0	0	0	0	110	155	447	0	1,163	0
Reed College	443	0	0	0	4	43	0	0	40	356	0
Southern Oregon St Col	89	0	0	0	0	0	0	0	39	50	0
University of Oregon	26,253	419	0	1,166	5,411	2,562	0	10,326	243	5,495	631
University of Portland	167	0	0	0	0	121	19	0	0	27	0
Western Oregon State Col	264	0	0	0	156	0	0	90	0	18	0
Pennsylvania, total	786,519	25,964	485	176,302	11,783	35,746	3,093	406,109	21,795	93,236	12,006
Albright College	20	0	0	0	0	0	0	0	0	20	0
Allegheny College	353	0	0	0	0	0	0	90	0	263	0
Alvernia College	22	0	0	0	0	0	0	0	0	0	22
Beaver College PA	40	0	0	0	0	0	0	0	0	40	0
Bloomsburg U of PA	9	0	0	0	0	0	0	9	0	0	0
Bryn Mawr College	732	0	9	0	0	0	0	243	12	468	0
Bucknell University	368	0	0	20	4	0	0	68	21	255	0
California U of PA	2,192	0	0	150	0	0	0	2,042	0	0	0
Carlow College	120	0	0	0	0	0	0	0	0	120	0
Carnegie Mellon U	76,896	0	83	30,953	17	6,618	422	9,928	4,012	22,957	1,906
Chatham College	69	0	0	0	40	0	0	0	0	29	0
Chestnut Hill College	90	0	0	0	0	0	0	0	0	90	0
Clarion U of PA	84	0	0	0	0	0	0	0	0	84	0
College Misericordia	28	0	0	0	0	0	0	28	0	0	0
Delaware County Cmty Col	45	0	0	0	0	0	0	0	0	45	0
Delaware Valley College	103	29	0	0	0	0	0	0	0	74	0
Dickinson College	267	0	0	0	0	0	0	0	0	267	0
Drexel University	10,847	90	0	2,144	0	208	486	814	907	6,173	25
Duquesne University	1,120	355	30	76	0	0	0	349	0	310	0
Franklin & Marshall Col	470	0	0	0	0	0	0	0	9	461	0
Gannon University	38	0	0	0	0	0	0	38	0	0	0
Gettysburg College	309	0	0	0	4	0	0	0	0	305	0
Gwynedd Mercy College	38	0	0	0	0	0	0	38	0	0	0
Haverford College	344	0	0	0	0	0	0	0	0	344	0
Indiana U of PA	416	0	0	79	215	0	0	15	0	107	0
Juniata College	400	0	0	0	0	0	0	0	0	400	0
Kings College PA	73	0	0	0	0	0	0	0	0	73	0
Kutztown U of PA	23	0	0	0	0	0	0	0	0	23	0
La Salle University	163	0	0	0	0	0	0	47	0	116	0
Lafayette College	486	0	0	0	0	0	0	0	37	449	0
Lehigh University	16,638	205	0	4,174	105	2,674	324	729	385	7,317	725
Lincoln University PA	1,532	36	0	1,036	155	0	0	300	0	0	5
Lycoming College	547	0	0	0	0	0	0	547	0	0	0
Marywood College	10,020	0	0	10,000	0	0	0	0	0	20	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Pennsylvania, continued											
Medical College PA	36,222	0	0	749	69	10,000	0	25,142	0	262	0
Mercyhurst College	53	0	0	0	0	0	0	0	0	53	0
Millersville U of PA	195	50	0	0	0	0	0	0	0	145	0
Moravian College	103	0	0	23	0	0	0	0	0	80	0
Muhlenberg College	31	0	0	0	0	0	0	0	0	31	0
Northampton Co Cmty Col	50	0	0	0	0	0	0	0	0	50	0
PA College of Optometry	747	0	0	0	301	0	0	446	0	0	0
PA Technical Institute	467	0	0	0	0	0	0	0	0	0	467
Pace Institute	866	0	0	0	0	866	0	0	0	0	0
Pennsylvania State U	210,865	24,377	115	97,443	1,372	5,866	1,300	38,867	13,664	19,055	8,806
Phila Col of Pharm & Sci	86	0	0	0	0	0	0	86	0	0	0
Phila Col of Text & Sci	63	0	0	0	0	0	0	0	0	63	0
Shippensburg U of PA	453	0	0	43	0	0	0	410	0	0	0
St Josephs University	71	0	0	0	0	0	0	0	0	71	0
St Vincent College & Sem	330	0	0	0	0	0	0	0	0	330	0
Susquehanna University	136	0	0	0	0	0	0	115	21	0	0
Swarthmore College	494	0	0	0	0	0	0	0	0	494	0
Temple University	25,983	0	0	354	2,096	431	0	21,660	0	1,441	1
Thomas Jefferson U	39,635	0	0	306	530	261	261	37,942	0	335	0
University of PA	200,642	697	248	21,921	2,976	7,217	75	147,640	387	19,474	7
University of Pittsburgh	142,562	75	0	6,681	3,755	1,605	225	117,975	2,127	10,077	42
University of Scranton	209	0	0	0	144	0	0	0	0	65	0
Ursinus College	46	0	0	0	0	0	0	0	0	46	0
Villanova University	745	0	0	0	0	0	0	323	211	211	0
Washington & Jeffersn Col	18	0	0	0	0	0	0	0	0	18	0
West Chester U of PA	410	50	0	150	0	0	0	103	0	107	0
Westminster Col PA	2	0	0	0	0	0	0	0	2	0	0
Widener University	106	0	0	0	0	0	0	106	0	0	0
Wilkes University	27	0	0	0	0	0	0	9	0	18	0
Rhode Island, total	61,632	3,883	2,677	10,137	299	2,522	1,354	17,284	3,482	19,316	678
Brown University	36,887	150	41	8,058	8	2,385	0	13,561	2,248	10,261	175
Cmty Col Rhode Island	24	0	0	0	24	0	0	0	0	0	0
Rhode Island College	318	0	0	0	0	67	0	251	0	0	0
Roger Williams U	17	0	0	0	4	0	0	0	0	13	0
U Rhode Island	24,386	3,733	2,636	2,079	263	70	1,354	3,472	1,234	9,042	503
South Carolina, total	72,275	16,889	556	6,492	1,300	7,919	439	26,517	1,529	9,181	1,453
Benedict College	191	0	0	0	0	110	0	34	47	0	0
Citadel Military Col SC	5	0	0	0	0	0	0	0	5	0	0
Claflin College	227	0	0	0	141	86	0	0	0	0	0
Clemson University	24,271	13,324	0	3,352	125	2,717	0	370	967	2,478	938
College of Charleston	400	0	0	14	0	0	0	0	201	185	0
Ctrl Carolina Tech Col SC	39	0	0	0	0	0	39	0	0	0	0
Erskine College	81	0	0	0	0	0	0	0	0	81	0
Francis Marion University	114	0	0	0	0	0	0	0	0	114	0
Furman University	294	0	0	0	0	0	0	0	0	294	0
Medical U of S Carolina	21,696	122	0	0	0	2,800	0	18,679	0	95	0
Morris College	132	0	0	0	0	0	0	132	0	0	0
SC Sea Grant Consortium	30	0	30	0	0	0	0	0	0	0	0
South Carolina St U	4,677	3,152	0	121	533	407	0	364	0	0	100
Trident Technical College	44	0	0	0	0	0	0	0	0	44	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
South Carolina, continued:											
U South Carolina	19,737	291	526	3,005	173	1,799	400	6,938	309	5,881	415
Voorhees College	324	0	0	0	324	0	0	0	0	0	0
Wofford College	13	0	0	0	4	0	0	0	0	9	0
South Dakota, total	16,534	8,489	0	298	59	21	149	1,828	898	4,131	661
Augustana College	211	68	0	0	0	0	0	0	0	143	0
Dakota State University	28	0	0	0	28	0	0	0	0	0	0
Kilian Community College	27	0	0	0	27	0	0	0	0	0	0
Mount Marty College	50	0	0	0	0	0	0	33	0	17	0
Oglala Lakota College	201	0	0	0	0	0	0	126	0	75	0
SD School Mines & Tech	2,330	4	0	53	0	21	0	0	813	1,365	74
Sioux Falls College	21	0	0	0	0	0	0	0	0	21	0
South Dakota State U	10,338	8,317	0	0	0	0	149	140	63	1,117	552
U SD System Office	35	0	0	0	0	0	0	0	0	0	35
U South Dakota	3,293	100	0	245	4	0	0	1,529	22	1,393	0
Tennessee, total	181,450	23,538	115	11,458	2,365	13,154	720	108,771	5,536	13,089	2,704
Austin Peay State U	83	0	0	0	0	0	0	0	0	83	0
Bristol University	115	0	115	0	0	0	0	0	0	0	0
Christian Brothers U	59	0	0	0	0	0	0	0	0	59	0
East Tennessee State U	1,315	0	0	0	50	0	0	1,175	6	84	0
Fisk University	1,761	0	0	175	117	0	0	0	857	107	505
Knoxville College	334	14	0	234	0	0	0	0	0	86	0
Lane College	423	0	0	0	25	19	0	379	0	0	0
Le Moyne Owen College	69	0	0	0	0	0	0	0	0	69	0
Meharry Medical College	7,944	0	0	185	0	173	0	6,593	0	993	0
Middle Tennessee St U	76	0	0	0	0	34	0	0	0	42	0
Rhodes College	79	0	0	0	0	0	0	0	0	79	0
Roane State Community Col	4	0	0	0	4	0	0	0	0	0	0
Southern Col of Optometry	63	0	0	0	0	0	0	63	0	0	0
State Tech Inst Memphis	14	0	0	0	0	0	0	0	0	14	0
Tennessee State U	8,160	5,224	0	1,039	39	0	0	879	852	0	127
Tennessee Technological U	1,632	105	0	0	0	262	162	79	57	306	661
U TN U Wide Admin Ctrl	2,560	40	0	295	204	1,065	0	0	0	407	549
U Tennessee Chattanooga	299	0	0	0	31	0	152	0	0	116	0
U Tennessee Knoxville	42,026	18,042	0	3,070	0	10,247	406	4,485	752	4,923	101
U Tennessee Martin	231	0	0	132	0	0	0	0	0	99	0
U Tennessee Memphis	20,394	0	0	290	0	0	0	19,094	257	753	0
University of Memphis	4,639	3	0	318	276	75	0	2,694	121	533	619
University of the South	30	0	0	0	0	0	0	0	0	30	0
Vanderbilt University	89,140	110	0	5,720	1,619	1,279	0	73,330	2,634	4,306	142
Texas, total	696,065	50,636	2,986	116,095	6,237	28,238	10,610	358,134	40,572	76,939	5,618
Abilene Christian U	107	0	0	0	0	107	0	0	0	0	0
Alamo CC District	228	0	0	0	227	0	0	0	0	0	1
Austin Cmty Col TX	44	0	0	0	0	0	0	0	0	44	0
Baylor Col of Dentistry	697	0	0	0	0	0	0	697	0	0	0
Baylor Col of Medicine	92,755	9,000	0	511	0	1,375	169	80,789	911	0	0
Baylor University	2,294	0	0	283	339	0	0	0	209	1,398	65
Central Texas College	308	0	0	308	0	0	0	0	0	0	0
El Paso Cmty College	151	0	0	150	0	0	0	0	0	0	1
Houston Community College	369	0	0	0	0	325	0	0	0	0	44
Huston Tillotson College	8	0	0	0	0	0	0	0	0	0	8

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Texas, continued:											
Incarnate Word College	206	0	0	0	0	0	0	206	0	0	0
Jarvis Christian College	219	0	0	14	127	0	0	78	0	0	0
Lamar U Beaumont	3,163	0	0	0	353	0	2,500	0	270	40	0
McLennan Community Col	2	0	0	2	0	0	0	0	0	0	0
Midwestern State U	6	6	0	0	0	0	0	0	0	0	0
N E Texas Cmty Col	130	0	0	130	0	0	0	0	0	0	0
N Harris Montgomery CC	19	0	0	0	0	0	0	0	0	19	0
Our Lady of the Lake U	443	0	0	190	227	0	0	0	0	26	0
Prairie View A&M U	8,103	6,072	0	217	0	600	0	0	1,058	35	121
Rice University	27,497	100	0	3,272	17	2,165	600	4,121	2,519	14,703	0
Sam Houston State U	10,138	68	0	10,000	0	0	0	0	0	70	0
Southern Methodist U	4,674	70	0	1,852	16	536	0	867	50	1,283	0
Southwest Texas St U	1,149	19	0	50	187	0	0	487	52	354	0
St Edwards University	43	0	0	0	0	0	0	0	0	43	0
St Marys U San Antonio	194	0	0	0	0	0	0	194	0	0	0
Stephen F Austin St U	566	262	0	0	304	0	0	0	0	0	0
Sul Ross State University	15	0	0	0	0	0	0	0	0	8	7
TX A&M U Kingsville	1,184	30	0	360	0	0	0	486	65	243	0
Tarleton State University	550	0	0	0	0	0	550	0	0	0	0
Texas A&M U Sys Off	5,191	0	0	0	543	1,174	0	258	2,028	0	1,188
Texas A&M University	90,042	32,542	2,598	7,206	0	4,546	1,614	14,530	4,541	20,202	2,263
Texas Christian U	2,397	0	0	103	0	0	0	1,498	0	796	0
Texas Lutheran College	76	0	0	0	0	0	0	0	0	76	0
Texas Southern U	3,338	0	0	0	235	0	200	2,250	603	50	0
Texas Southmost College	166	0	0	0	0	0	0	0	166	0	0
Texas Tech University	8,155	1,193	0	1,078	299	366	568	2,664	367	1,572	48
Texas Wesleyan University	127	0	0	0	36	0	0	91	0	0	0
Texas Womans University	625	0	0	0	284	0	0	271	0	70	0
Trinity University	1,089	60	0	0	4	0	0	491	0	534	0
U N TX Hlth Sci Ctr	3,633	0	0	0	0	0	0	3,517	60	56	0
U North Texas	4,296	0	0	1,006	1,253	150	679	100	75	1,033	0
U TX Arlington	4,512	0	0	1,466	150	225	608	200	274	1,589	0
U TX Austin	146,743	403	198	81,184	1,216	14,737	772	17,706	9,719	19,752	1,056
U TX Dallas	5,488	0	0	2,166	0	169	0	1,654	455	1,044	0
U TX El Paso	6,469	0	0	1,487	0	0	1,000	1,041	364	2,497	80
U TX Hlth Sci Ctr Houstn	38,753	212	0	446	0	376	479	35,957	535	748	0
U TX Hlth Sci Ctr S Anto	48,415	0	0	449	0	0	0	46,962	209	795	0
U TX MD Anderson Cancer	43,219	212	0	151	0	0	64	42,512	100	180	0
U TX Med Brnch Galveston	29,748	0	0	178	47	316	612	27,856	579	160	0
U TX Pan American	348	0	0	0	226	0	0	26	96	0	0
U TX Permian Basin	61	0	0	61	0	0	0	0	0	0	0
U TX SW Med Ctr Dallas	65,314	237	0	52	0	0	0	62,342	2,194	489	0
U TX San Antonio	2,130	0	0	175	0	61	0	623	287	984	0
U TX System Off	2,064	0	0	0	0	0	0	1,343	0	0	721
U of Houston	21,016	150	190	877	0	995	195	6,287	6,856	5,451	15
U of Houston Clear Lake	5,992	0	0	0	0	0	0	30	5,930	32	0
U of Houston Downtown Col	30	0	0	0	0	0	0	0	0	30	0
U of Houston Sys Admin	683	0	0	671	12	0	0	0	0	0	0
University of Dallas	469	0	0	0	0	0	0	0	0	469	0
West Texas A&M U	15	0	0	0	0	15	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Texas, continued:											
Wiley College	199	0	0	0	135	0	0	0	0	64	0
Utah, total	133,828	6,866	326	34,526	820	4,727	2,053	57,704	3,821	18,686	4,299
Brigham Young University	5,922	124	0	783	64	341	0	1,261	266	3,014	69
Snow College	16	16	0	0	0	0	0	0	0	0	0
Southern Utah University	1,193	0	0	0	0	0	0	1,193	0	0	0
University of Utah	82,458	300	241	8,320	0	4,365	2,000	50,656	1,577	13,137	1,862
Utah State University	44,002	6,426	85	25,423	756	21	53	4,594	1,939	2,337	2,368
Utah Valley State College	20	0	0	0	0	0	0	0	20	0	0
Weber State University	217	0	0	0	0	0	0	0	19	198	0
Vermont, total	40,630	7,043	0	296	267	539	904	28,324	236	2,542	479
Bennington College	148	0	0	0	0	0	0	0	0	148	0
Burlington College	91	0	0	0	0	0	0	91	0	0	0
Lyndon State College	54	54	0	0	0	0	0	0	0	0	0
Middlebury College	517	0	0	0	0	0	0	110	18	389	0
Norwich University	29	0	0	0	4	0	0	0	25	0	0
St Michaels College	817	0	0	0	0	0	0	0	0	707	110
University of Vermont	38,481	6,989	0	296	263	539	411	28,123	193	1,298	369
Vermont Law School	493	0	0	0	0	0	493	0	0	0	0
Virginia, total	233,502	21,251	2,799	24,657	749	7,518	2,049	102,299	25,358	35,554	11,268
College of William & Mary	8,124	29	2,077	924	4	301	88	155	2,442	1,773	331
Dabney Lancaster Cmty Col	9	9	0	0	0	0	0	0	0	0	0
Ferrum College	55	0	0	0	0	0	0	0	0	55	0
George Mason University	9,965	0	0	7,168	0	0	256	291	306	1,572	372
Hampden Sydney College	99	0	0	0	0	0	0	0	99	0	0
Hampton University	6,362	0	0	1,014	4	258	119	43	2,668	2,256	0
Hollins College	19	0	0	0	0	0	0	0	0	19	0
James Madison University	666	175	0	0	0	0	0	123	0	368	0
Longwood College	24	0	0	0	0	0	0	0	24	0	0
Lord Fairfax Cmty College	31	0	0	0	0	0	0	0	0	31	0
Mary Baldwin College	65	0	0	0	0	0	0	0	0	65	0
Med Col Hampton Roads	10,767	0	0	0	0	0	0	4,394	163	0	6,210
Mountain Empire Cmty Col	40	0	0	0	0	0	0	0	0	40	0
Norfolk State University	693	0	9	0	0	70	0	272	313	29	0
Old Dominion University	10,121	0	43	954	4	171	0	189	5,401	3,261	98
Radford University	38	0	0	0	0	0	0	20	0	18	0
Randolph Macon Womans Col	7	0	7	0	0	0	0	0	0	0	0
Roanoke College	232	0	0	0	0	0	0	0	0	232	0
Southwest VA Cmty Col	120	0	0	120	0	0	0	0	0	0	0
Sweet Briar College	26	0	0	0	0	0	0	0	0	26	0
Thomas Nelson Cmty Col	432	0	0	0	0	0	0	0	432	0	0
Tidewater Community Col	20	0	0	0	0	20	0	0	0	0	0
University of Richmond	627	0	0	0	8	94	0	0	0	525	0
University of Virginia	86,929	3	495	5,654	21	3,140	445	52,368	8,534	14,763	1,506
VA Polytech Inst & St U	48,887	17,195	168	7,952	12	3,081	949	2,889	4,427	9,513	2,701
Virginia Commonwealth U	44,029	124	0	871	372	234	42	40,959	543	834	50
Virginia Military Inst	96	0	0	0	0	0	0	0	0	96	0
Virginia State University	4,457	3,716	0	0	0	149	150	436	6	0	0
Virginia Union University	484	0	0	0	324	0	0	160	0	0	0
Washington & Lee U	78	0	0	0	0	0	0	0	0	78	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Washington, total	329,524	22,168	5,122	38,487	1,012	16,892	1,381	181,808	10,204	48,219	4,231
Central Washington U	517	40	0	0	0	127	0	0	233	117	0
Centralia College	60	0	0	0	0	0	0	0	0	60	0
Clark College	10	0	0	0	0	0	0	0	0	10	0
Columbia Basin College	129	0	0	0	0	129	0	0	0	0	0
Eastern Washington U	2,434	0	0	31	0	0	0	1,945	0	182	276
Edmonds Community College	2,395	0	0	0	0	0	0	2,395	0	0	0
Evergreen State College	912	0	0	0	0	0	0	0	0	912	0
Gonzaga University	382	0	0	35	4	0	0	58	0	285	0
Heritage College	137	0	0	0	137	0	0	0	0	0	0
Lower Columbia College	845	0	0	0	0	0	0	845	0	0	0
Northwest Indian College	130	0	0	0	0	0	0	50	75	0	5
Olympic College	2	0	0	0	0	0	0	0	0	0	2
Pacific Lutheran U	66	0	0	0	4	20	0	18	0	24	0
Seattle Community College	71	0	0	0	0	0	0	0	0	70	1
Seattle Pacific U	46	0	0	24	0	0	0	22	0	0	0
Seattle University	166	0	0	40	0	0	0	0	0	126	0
Shoreline Community Col	56	0	0	0	0	0	0	0	0	56	0
Skagit Valley College	1,622	0	0	0	0	0	0	1,622	0	0	0
University of Puget Sound	100	0	0	0	0	0	0	0	0	100	0
University of Washington	279,832	5,433	4,892	35,291	678	13,980	933	166,023	9,542	40,205	2,855
Walla Walla Community Col	28	0	0	0	28	0	0	0	0	0	0
Washington State U	38,649	16,684	180	2,956	161	2,636	448	8,649	323	5,574	1,038
Western Washington U	854	11	50	110	0	0	0	181	31	417	54
Whatcom Community College	7	0	0	0	0	0	0	0	0	7	0
Whitman College	51	0	0	0	0	0	0	0	0	51	0
Whitworth College	23	0	0	0	0	0	0	0	0	23	0
West Virginia, total	80,190	9,684	83	10,969	210	7,192	3,500	8,883	34,169	2,933	2,567
Bluefield State College	83	0	0	0	0	0	0	0	0	7	76
Col of West Virginia	132	0	0	0	0	132	0	0	0	0	0
Concord College	181	0	0	0	0	0	0	181	0	0	0
Fairmont State College	94	1	0	0	0	0	0	0	29	64	0
Marshall University	2,031	40	83	131	0	0	0	1,402	170	145	60
West Virginia Inst Tech	29	0	0	0	0	0	0	0	0	29	0
West Virginia State Col	363	0	0	0	0	0	0	0	0	0	363
West Virginia U Morgantwn	53,508	9,643	0	10,838	0	7,060	3,500	7,300	10,411	2,688	2,068
Wheeling Jesuit College	23,769	0	0	0	210	0	0	0	23,559	0	0
Wisconsin, total	265,944	24,576	3,618	12,003	3,558	22,082	2,284	137,348	12,520	46,065	1,890
Alverno College	32	0	0	0	0	0	0	0	0	32	0
Beloit College	296	0	0	0	0	0	0	99	72	125	0
Carroll College WI	64	0	0	0	0	0	0	64	0	0	0
Lawrence University	284	0	0	0	4	0	0	114	0	166	0
Madison Jr Col of Bus	103	0	0	103	0	0	0	0	0	0	0
Marquette University	2,196	0	0	0	200	102	0	812	462	560	60
Medical College WI	26,545	165	0	0	0	0	89	25,187	247	190	667
Milwaukee School of Eng	148	0	0	0	0	0	0	0	0	148	0
Ripon College	78	0	0	0	0	0	0	0	0	78	0
U WI Center System	3,776	0	0	25	0	345	0	3,406	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-42. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1993

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Wisconsin, continued:											
U WI Eau Claire	606	0	0	0	0	19	0	160	0	427	0
U WI Green Bay	112	0	0	0	0	0	0	112	0	0	0
U WI La Crosse	69	0	0	0	0	0	0	0	3	66	0
U WI Madison	216,148	23,758	276	10,861	3,129	20,698	1,172	102,484	11,101	42,039	630
U WI Milwaukee	6,445	75	0	834	0	918	0	2,667	635	1,306	10
U WI Oshkosh	1,974	0	0	0	0	0	0	1,951	0	23	0
U WI River Falls	183	0	0	0	0	0	0	0	0	183	0
U WI Stevens Point	886	149	0	50	0	0	0	0	0	605	82
U WI Stout	23	0	0	0	0	0	0	0	0	23	0
U WI Superior	1,186	0	0	99	0	0	1,023	0	0	64	0
U WI System Office	4,760	429	3,342	31	225	0	0	292	0	0	441
Viterbo College	30	0	0	0	0	0	0	0	0	30	0
Wyoming, total	20,555	5,185	0	1,541	208	1,031	520	1,358	548	5,239	4,925
Laramie County Cmty Col	23	0	0	0	8	0	0	0	0	15	0
Northwest College	76	0	0	0	0	0	0	0	0	76	0
University of Wyoming	20,456	5,185	0	1,541	200	1,031	520	1,358	548	5,148	4,925
Guam, total	3,334	2,199	0	33	0	0	0	766	0	135	201
University of Guam	3,334	2,199	0	33	0	0	0	766	0	135	201
Puerto Rico, total	39,650	12,253	720	1,884	463	26	211	13,366	987	9,497	243
Catholic U of PR	769	0	0	0	463	0	0	306	0	0	0
Inter Am U PR Ctrl Off	518	0	0	0	0	0	0	518	0	0	0
Inter Am U PR Metropol	364	0	0	0	0	0	0	99	0	265	0
Ponce School of Medicine	673	0	0	0	0	0	0	673	0	0	0
Sistema U Ana G Mendez	200	0	0	0	0	0	0	0	0	200	0
U Central Del Caribe	199	0	0	0	0	0	0	199	0	0	0
U PR Cayey U Col	354	0	0	0	0	0	0	354	0	0	0
U PR Humacao U Col	1,055	0	0	0	0	0	0	1,047	0	8	0
U PR Mayaguez	15,259	12,253	0	463	0	6	0	0	581	1,855	101
U PR Medical Sci	7,248	0	0	317	0	0	0	6,459	52	420	0
U PR Regional Col Admn	142	0	0	0	0	0	0	0	0	0	142
U PR Rio Piedras	5,226	0	0	599	0	0	96	3,510	134	887	0
U PR System Off	7,261	0	720	505	0	20	0	201	0	5,815	0
U of the Sacred Heart	47	0	0	0	0	0	0	0	0	47	0
Universidad Del Turabo	220	0	0	0	0	0	0	0	220	0	0
Universidad Metropolitana	115	0	0	0	0	0	115	0	0	0	0
American Samoa, total	1,233	1,233	0	0	0	0	0	0	0	0	0
American Samoa Cmty Col	1,233	1,233	0	0	0	0	0	0	0	0	0
Virgin Islands, total	2,972	1,952	0	0	0	0	0	913	0	0	107
U of the Virgin Islands	2,972	1,952	0	0	0	0	0	913	0	0	107
Trust Territory of the Pacific Islands, total	2,247	2,101	0	0	0	0	0	146	0	0	0
Col of Micronesia FSM	909	909	0	0	0	0	0	0	0	0	0
Northern Marianas College	1,338	1,192	0	0	0	0	0	146	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY: Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

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Table B-43. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
Total, all institutions	114,139	143,623	133,470	156,608	175,154	214,109	243,677	231,648
1 Howard University	14,200	17,676	14,815	14,608	20,382	24,858	25,229	24,967
2 Clark Atlanta University	8,132	11,070	4,856	6,432	8,074	13,451	29,449	22,439
3 NC Ag & Tech State U	6,328	6,660	7,635	10,149	9,711	11,649	11,866	15,286
4 Florida A&M University	4,953	5,206	4,807	6,323	8,344	15,259	11,988	14,031
5 Tuskegee University	6,789	12,387	6,838	6,739	7,174	10,377	8,592	9,189
6 Alabama A & M University	4,838	5,935	5,940	6,629	7,920	8,508	10,244	9,024
7 Jackson State University	2,344	3,299	3,771	4,806	5,013	4,349	6,478	8,717
8 Tennessee State U	4,682	5,160	5,381	5,926	7,288	9,305	9,160	8,160
9 Prairie View A&M U	5,651	5,568	5,207	5,654	6,528	6,896	7,891	8,103
10 Meharry Medical College	3,999	7,390	5,952	7,878	8,915	10,647	12,464	7,944
Total 1st 10 institutions	61,916	80,351	65,202	75,144	89,349	115,299	133,361	127,860
11 Southern U & A&M College	3,599	4,124	4,889	5,486	5,580	6,133	6,111	7,108
12 Hampton University	2,007	2,328	3,258	4,380	6,541	6,940	7,247	6,362
13 Kentucky State University	3,371	3,696	4,111	4,326	4,973	4,988	5,051	5,285
14 Lincoln University MO	3,514	3,570	3,467	3,642	4,281	4,063	5,134	5,037
15 Fort Valley State College	3,553	3,425	3,101	3,454	3,895	3,930	4,629	4,788
16 U Arkansas Pine Bluff	2,887	3,422	3,185	3,337	3,838	3,886	4,427	4,701
17 South Carolina St U	2,379	2,607	3,102	3,525	3,790	4,335	4,957	4,677
18 Virginia State University	3,557	3,631	3,849	4,066	4,824	5,616	5,423	4,457
19 Morehouse School of Med	1,789	3,596	3,255	5,034	6,242	7,275	8,563	4,300
20 Alcorn State University	2,715	2,784	2,960	3,146	3,364	4,035	4,443	3,926
Total 1st 20 institutions	91,287	113,534	100,379	115,540	136,677	166,500	189,346	178,501
21 U MD Eastern Shore	1,715	2,160	2,192	2,692	3,440	3,361	3,795	3,806
22 Langston University	2,228	2,268	2,516	2,548	2,805	3,479	4,012	3,719
23 University of DC	2,197	2,707	2,633	3,347	3,037	4,044	3,986	3,387
24 Texas Southern U	1,921	1,980	2,059	2,013	2,857	3,363	3,840	3,338
25 U of the Virgin Islands	1,927	1,927	2,098	2,083	2,058	2,083	2,405	2,972
26 Spelman College	298	637	1,136	471	1,271	2,214	2,362	2,859
27 Delaware State University	1,369	1,621	1,734	1,524	1,807	2,044	2,496	2,824
28 Morgan State University	477	1,001	795	935	1,352	1,179	3,294	2,677
29 Morehouse College	392	136	428	624	1,242	4,517	3,200	2,464
30 Xavier University LA	923	1,650	2,233	10,018	2,407	3,037	3,822	1,891
Total 1st 30 institutions	104,734	129,621	118,203	141,795	158,953	195,821	222,558	208,438
31 Fisk University	1,430	1,065	832	776	967	2,165	1,482	1,761
32 Lincoln University PA	590	699	869	1,096	1,367	719	902	1,532
33 Shaw University	147	90	14	0	168	248	296	1,480
34 Central State U OH	291	300	210	333	672	557	869	1,291
35 Morris Brown College	14	339	14	29	188	503	1,525	1,223
36 Talladega College	381	656	365	141	333	809	332	1,004
37 Mississippi Valley St U	53	772	620	630	618	637	746	779
38 Tougaloo College	490	299	712	435	509	542	598	744
39 Bowie State University	127	130	240	60	221	370	378	731
40 North Carolina Central U	491	1,061	1,655	952	928	1,051	813	713
Total 1st 40 institutions	108,748	135,032	123,734	146,247	164,924	203,422	230,499	219,696
41 Alabama State University	398	679	623	683	460	450	771	712
42 Bennett College NC	83	253	787	222	485	451	500	710
43 Grambling State U	234	420	834	1,048	941	1,154	1,560	708
44 Norfolk State University	279	590	772	1,366	691	924	928	693
45 Bethune Cookman College	482	494	571	933	685	812	574	673
46 Selma University	267	407	722	316	814	301	380	643
47 Rust College	143	151	220	229	414	140	634	636
48 Oakwood College	75	75	78	107	180	206	424	564
49 Stillman College	96	263	239	298	287	289	294	564
50 Coppin State College	161	311	323	334	340	145	167	500
Total 1st 50 institutions	110,966	138,675	128,903	151,783	170,221	208,294	236,731	226,099

See explanatory information, if any, and SOURCE at end of table.

Table B-43. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1993: fiscal years 1986-93

[Dollars in thousands]

Institution and ranking	1986	1987	1988	1989	1990	1991	1992	1993
51 Virginia Union University	0	0	0	0	57	195	161	484
52 Wilberforce University	0	30	6	14	24	6	11	433
53 Lane College	20	9	0	133	238	441	370	423
54 Winston Salem State U	616	667	425	615	841	635	691	378
55 Savannah State College	451	160	199	218	196	422	308	365
56 West Virginia State Col	32	121	44	165	251	305	182	363
57 Knoxville College	7	7	0	204	0	0	0	334
58 Voorhees College	85	341	62	123	14	83	164	324
59 Livingstone College	0	0	0	0	0	0	47	306
60 Elizabeth City State U	0	0	47	60	140	85	70	257
Total 1st 60 institutions	112,177	140,010	129,686	153,315	171,982	210,466	238,735	229,766
61 Barber Scotia College	0	0	0	0	0	316	0	238
62 Claflin College	48	52	76	30	195	151	577	227
63 Jarvis Christian College	0	0	0	59	125	172	502	219
64 Wiley College	0	0	0	55	113	58	194	199
65 Benedict College	618	666	698	629	756	913	898	191
66 Fayetteville State U	361	386	327	376	277	286	580	185
67 Albany State College	151	271	796	423	467	471	683	134
68 Morris College	0	0	254	0	0	0	63	132
69 Dillard University	290	364	123	173	96	217	205	120
70 Bluefield State College	0	0	0	0	50	60	0	83
Total 1st 70 institutions	113,645	141,749	131,960	155,060	174,061	213,110	242,437	231,494
71 Le Moyne Owen College	6	13	0	0	270	62	50	69
72 Johnson C Smith U	274	399	360	380	377	504	562	42
73 Trenholm St Tech Col	0	0	279	0	45	0	0	24
74 Huston Tillotson College	0	47	173	0	0	0	0	8
75 Miles College	0	0	0	0	0	0	0	7
76 Harris Stowe State Col	0	0	20	325	0	260	3	4
Bishop College	118	123	102	0	0	0	0	0
Bishop St Cmty College	0	203	0	0	0	0	0	0
C A Fredd St Tech Col	0	0	0	0	16	0	268	0
Coahoma Community College	30	31	28	36	120	0	0	0
Total 1st 80 institutions	114,073	142,565	132,922	155,801	174,889	213,936	243,320	231,648
Florida Memorial College	0	0	80	80	80	0	0	0
Lewis College of Business	0	0	0	0	0	0	98	0
Mary Holmes College	0	0	0	356	0	0	8	0
Paine College	62	74	267	20	0	0	40	0
Paul Quinn College	4	8	0	57	25	0	0	0
Philander Smith College	0	242	154	154	128	123	119	0
St Augustines College	0	309	47	140	32	0	0	0
St Pauls College VA	0	425	0	0	0	0	92	0
Texas College	0	0	0	0	0	50	0	0
Total 1st 89 institutions	114,139	143,623	133,470	156,608	175,154	214,109	243,677	231,648

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993.

Table B-44. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	231,648	140,030	821	452	31,852	8,425	50,068
1 Howard University	24,967	18,417	0	29	1,314	13	5,194
2 Clark Atlanta University	22,439	7,673	100	0	12,836	770	1,060
3 NC Ag & Tech State U	15,286	11,284	0	53	482	20	3,447
4 Florida A&M University	14,031	9,247	0	50	1,836	689	2,209
5 Tuskegee University	9,189	6,993	0	0	468	0	1,728
6 Alabama A & M University	9,024	6,444	0	0	828	0	1,752
7 Jackson State University	8,717	6,374	0	0	741	867	735
8 Tennessee State U	8,160	4,997	356	0	428	30	2,349
9 Prairie View A&M U	8,103	4,916	0	0	236	0	2,951
10 Meharry Medical College	7,944	6,214	0	0	1,696	17	17
Total 1st 10 institutions	127,860	82,559	456	132	20,865	2,406	21,442
11 Southern U & A&M College	7,108	4,724	0	0	750	87	1,547
12 Hampton University	6,362	6,157	0	0	205	0	0
13 Kentucky State University	5,285	2,650	0	0	194	0	2,441
14 Lincoln University MO	5,037	1,887	0	0	137	288	2,725
15 Fort Valley State College	4,788	2,598	0	0	130	0	2,060
16 U Arkansas Pine Bluff	4,701	1,628	0	0	536	492	2,045
17 South Carolina St U	4,677	2,287	0	0	496	182	1,712
18 Virginia State University	4,457	2,107	0	0	0	218	2,132
19 Morehouse School of Med	4,300	3,904	0	0	326	35	35
20 Alcorn State University	3,926	1,953	0	0	225	35	1,713
Total 1st 20 institutions	178,501	112,454	456	132	23,864	3,743	37,852
21 U MD Eastern Shore	3,806	1,956	0	11	573	0	1,266
22 Langston University	3,719	1,589	0	0	562	0	1,568
23 University of DC	3,387	2,149	0	0	318	15	905
24 Texas Southern U	3,338	2,277	0	40	121	450	450
25 U of the Virgin Islands	2,972	1,210	0	0	138	345	1,279
26 Spelman College	2,859	1,252	0	0	1,607	0	0
27 Delaware State University	2,824	1,531	0	0	284	17	992
28 Morgan State University	2,677	1,307	0	45	463	134	728
29 Morehouse College	2,464	796	0	0	0	834	834
30 Xavier University LA	1,891	1,405	0	0	458	14	14
Total 1st 30 institutions	208,438	127,926	456	228	28,388	5,552	45,888
31 Fisk University	1,761	1,759	0	0	2	0	0
32 Lincoln University PA	1,532	1,232	0	0	300	0	0
33 Shaw University	1,480	74	0	0	166	0	1,240
34 Central State U OH	1,291	1,139	0	63	0	0	89
35 Morris Brown College	1,223	1,154	0	8	0	61	0
36 Talladega College	1,004	239	0	0	245	260	260
37 Mississippi Valley St U	779	131	0	0	648	0	0
38 Tougaloo College	744	0	0	0	244	250	250
39 Bowie State University	731	541	0	0	190	0	0
40 North Carolina Central U	713	521	0	0	182	0	10
Total 1st 40 institutions	219,696	134,716	456	299	30,365	6,123	47,737
41 Alabama State University	712	12	0	0	212	244	244
42 Bennett College NC	710	206	0	0	0	252	252
43 Grambling State U	708	617	0	0	47	22	22
44 Norfolk State University	693	387	0	0	81	98	127
45 Bethune Cookman College	673	0	0	0	119	277	277
46 Selma University	643	127	0	0	0	258	258
47 Rust College	636	188	0	0	180	134	134
48 Oakwood College	564	0	0	60	12	246	246
49 Stillman College	564	25	0	0	115	212	212
50 Coppin State College	500	0	0	0	0	250	250
Total 1st 50 institutions	226,099	136,278	456	359	31,131	8,116	49,759

See explanatory information, if any, and SOURCE at end of table.

Table B-44. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
51 Virginia Union University	484	324	0	0	160	0	0
52 Wilberforce University	433	433	0	0	0	0	0
53 Lane College	423	44	0	0	211	84	84
54 Winston Salem State U	378	0	0	0	136	121	121
55 Savannah State College	365	0	365	0	0	0	0
56 West Virginia State Col	363	363	0	0	0	0	0
57 Knoxville College	334	248	0	86	0	0	0
58 Voorhees College	324	324	0	0	0	0	0
59 Livingstone College	306	306	0	0	0	0	0
60 Elizabeth City State U	257	257	0	0	0	0	0
Total 1st 60 institutions	229,766	138,577	821	445	31,638	8,321	49,964
61 Barber Scotia College	238	238	0	0	0	0	0
62 Claflin College	227	227	0	0	0	0	0
63 Jarvis Christian College	219	219	0	0	0	0	0
64 Wiley College	199	199	0	0	0	0	0
65 Benedict College	191	157	0	0	0	17	17
66 Fayetteville State U	185	112	0	0	73	0	0
67 Albany State College	134	0	0	0	134	0	0
68 Morris College	132	0	0	0	0	66	66
69 Dillard University	120	120	0	0	0	0	0
70 Bluefield State College	83	76	0	7	0	0	0
Total 1st 70 institutions	231,494	139,925	821	452	31,845	8,404	50,047
71 Le Moyne Owen College	69	69	0	0	0	0	0
72 Johnson C Smith U	42	0	0	0	0	21	21
73 Trenholm St Tech Col	24	24	0	0	0	0	0
74 Huston Tillotson College	8	8	0	0	0	0	0
75 Miles College	7	0	0	0	7	0	0
76 Harris Stowe State Col	4	4	0	0	0	0	0
Total 1st 76 institutions	231,648	140,030	821	452	31,852	8,425	50,068

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-45. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	231,648	73,504	177	34,098	6,783	18,955	2,284	43,919	1,581	25,688	21,834	2,825
1 Howard University	24,967	287	54	8,413	1,102	112	144	4,835	0	3,626	6,302	92
2 Clark Atlanta University	22,439	19	100	2,465	310	13,436	0	1,751	0	2,677	1,681	0
3 NC Ag & Tech State U	15,286	5,630	0	4,431	0	306	0	280	51	2,503	748	1,337
4 Florida A&M University	14,031	3,626	0	2,715	176	0	0	3,541	0	3,295	584	94
5 Tuskegee University	9,189	4,368	0	2,378	0	38	0	314	0	1,562	529	0
6 Alabama A & M University	9,024	4,429	0	1,792	611	0	0	0	293	790	1,109	0
7 Jackson State University	8,717	20	0	940	306	1,535	150	2,811	256	89	2,496	114
8 Tennessee State U	8,160	5,224	0	1,039	39	0	0	879	0	852	0	127
9 Prairie View A&M U	8,103	6,072	0	217	0	600	0	0	0	1,058	35	121
10 Meharry Medical College	7,944	0	0	185	0	173	0	6,593	0	0	993	0
Total 1st 10 institutions	127,860	29,675	154	24,575	2,544	16,200	294	21,004	600	16,452	14,477	1,885
11 Southern U & A&M College	7,108	3,061	14	1,312	167	0	391	1,138	95	335	502	93
12 Hampton University	6,362	0	0	1,014	4	258	119	43	0	2,668	2,256	0
13 Kentucky State University	5,285	5,281	0	0	4	0	0	0	0	0	0	0
14 Lincoln University MO	5,037	4,443	0	0	0	0	0	576	14	0	0	4
15 Fort Valley State College	4,788	4,062	0	0	130	446	0	0	0	0	150	0
16 U Arkansas Pine Bluff	4,701	3,397	0	0	54	19	0	1,103	89	0	39	0
17 South Carolina St U	4,677	3,152	0	121	533	407	0	364	0	0	0	100
18 Virginia State University	4,457	3,716	0	0	0	149	150	436	0	6	0	0
19 Morehouse School of Med	4,300	0	0	0	0	106	0	3,663	0	471	60	0
20 Alcorn State University	3,926	3,791	0	65	0	0	0	70	0	0	0	0
Total 1st 20 institutions	178,501	60,578	168	27,087	3,436	17,585	954	28,397	798	19,932	17,484	2,082
21 U MD Eastern Shore	3,806	2,811	0	78	447	0	0	370	0	89	11	0
22 Langston University	3,719	3,712	0	0	0	7	0	0	0	0	0	0
23 University of DC	3,387	1,412	0	250	0	0	0	560	117	683	315	50
24 Texas Southern U	3,338	0	0	0	235	0	200	2,250	0	603	50	0
25 U of the Virgin Islands	2,972	1,952	0	0	0	0	0	913	101	0	0	6
26 Spelman College	2,859	0	0	1,150	0	0	0	0	0	1,607	102	0
27 Delaware State University	2,824	1,833	0	835	25	0	0	34	0	18	79	0
28 Morgan State University	2,677	0	0	528	0	468	304	257	0	348	686	86
29 Morehouse College	2,464	0	0	0	215	0	227	1,857	0	0	165	0
30 Xavier University LA	1,891	17	0	89	0	421	365	862	0	137	0	0
Total 1st 30 institutions	208,438	72,315	168	30,017	4,358	18,481	2,050	35,500	1,016	23,417	18,892	2,224
31 Fisk University	1,761	0	0	175	117	0	0	0	0	857	107	505
32 Lincoln University PA	1,532	36	0	1,036	155	0	0	300	0	0	0	5
33 Shaw University	1,480	20	0	54	0	0	130	0	0	36	1,240	0
34 Central State U OH	1,291	0	0	947	0	24	0	0	0	253	63	4
35 Morris Brown College	1,223	0	0	827	187	0	0	130	0	0	79	0
36 Talladega College	1,004	0	0	0	36	0	0	765	0	0	203	0
37 Mississippi Valley St U	779	648	0	0	112	0	0	0	0	19	0	0
38 Tougaloo College	744	0	0	0	0	0	0	744	0	0	0	0
39 Bowie State University	731	0	0	150	0	0	0	128	0	209	169	75
40 North Carolina Central U	713	0	0	276	85	0	97	165	80	0	10	0
Total 1st 40 institutions	219,696	73,019	168	33,482	5,050	18,505	2,277	37,732	1,096	24,791	20,763	2,813
41 Alabama State University	712	0	0	0	0	0	0	700	0	0	12	0
42 Bennett College NC	710	0	0	0	0	0	0	504	0	0	206	0
43 Grambling State U	708	0	0	205	47	0	0	230	46	0	180	0
44 Norfolk State University	693	0	9	0	0	70	0	272	0	313	29	0
45 Bethune Cookman College	673	0	0	0	0	0	0	673	0	0	0	0
46 Selma University	643	0	0	0	0	127	0	516	0	0	0	0
47 Rust College	636	25	0	163	0	0	0	448	0	0	0	0
48 Oakwood College	564	0	0	0	0	0	0	492	0	12	60	0
49 Stillman College	564	0	0	0	25	0	0	539	0	0	0	0
50 Coppin State College	500	0	0	0	0	0	0	500	0	0	0	0
Total 1st 50 institutions	226,099	73,044	177	33,850	5,122	18,702	2,277	42,606	1,142	25,116	21,250	2,813

See explanatory information, if any, and SOURCE at end of table.

Table B-45. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Virginia Union University	484	0	0	0	324	0	0	160	0	0	0	0
52 Wilberforce University	433	5	0	0	0	0	0	0	0	428	0	0
53 Lane College	423	0	0	0	25	19	0	379	0	0	0	0
54 Winston Salem State U	378	0	0	0	0	0	0	354	0	24	0	0
55 Savannah State College	365	365	0	0	0	0	0	0	0	0	0	0
56 West Virginia State Col	363	0	0	0	0	0	0	0	363	0	0	0
57 Knoxville College	334	14	0	234	0	0	0	0	0	0	86	0
58 Voorhees College	324	0	0	0	324	0	0	0	0	0	0	0
59 Livingstone College	306	0	0	0	306	0	0	0	0	0	0	0
60 Elizabeth City State U	257	0	0	0	207	0	0	0	0	0	50	0
Total 1st 60 institutions	229,766	73,428	177	34,084	6,308	18,721	2,277	43,499	1,505	25,568	21,386	2,813
61 Barber Scotia College	238	0	0	0	24	18	0	0	0	0	196	0
62 Claflin College	227	0	0	0	141	86	0	0	0	0	0	0
63 Jarvis Christian College	219	0	0	14	127	0	0	78	0	0	0	0
64 Wiley College	199	0	0	0	135	0	0	0	0	0	64	0
65 Benedict College	191	0	0	0	0	110	0	34	0	47	0	0
66 Fayetteville State U	185	0	0	0	0	0	0	0	0	73	112	0
67 Albany State College	134	0	0	0	0	0	0	134	0	0	0	0
68 Morris College	132	0	0	0	0	0	0	132	0	0	0	0
69 Dillard University	120	76	0	0	24	20	0	0	0	0	0	0
70 Bluefield State College	83	0	0	0	0	0	0	0	76	0	7	0
Total 1st 70 institutions	231,494	73,504	177	34,098	6,759	18,955	2,277	43,877	1,581	25,688	21,765	2,813
71 Le Moyne Owen College	69	0	0	0	0	0	0	0	0	0	69	0
72 Johnson C Smith U	42	0	0	0	0	0	0	42	0	0	0	0
73 Trenholm St Tech Col	24	0	0	0	24	0	0	0	0	0	0	0
74 Huston Tillotson College	8	0	0	0	0	0	0	0	0	0	0	8
75 Miles College	7	0	0	0	0	0	7	0	0	0	0	0
76 Harris Stowe State Col	4	0	0	0	0	0	0	0	0	0	0	4
Total 1st 76 institutions	231,648	73,504	177	34,098	6,783	18,955	2,284	43,919	1,581	25,688	21,834	2,825

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
Com = Department of Commerce
DoD = Department of Defense
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Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
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NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-46. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all systems	4,603,650	424,217	60,126	443,565	66,443	285,026	71,538	2,134,129	39,698	289,693	760,406	28,809
1 U of California Sys	1,037,828	36,856	9,935	71,568	7,134	66,386	4,220	605,086	5,865	60,731	167,328	2,719
2 U of Texas Sys	393,264	1,064	198	87,815	1,639	15,884	3,535	238,222	881	14,812	28,238	976
3 U of North Carolina Sys	250,812	33,319	7,079	17,234	6,434	4,323	10,802	128,475	1,168	6,723	30,063	5,192
4 U of Wisconsin Sys	236,168	24,411	3,618	11,900	3,354	21,980	2,195	111,072	669	11,739	44,736	494
5 Columbia U Sys	209,078	10	1,405	9,365	239	15,794	10,091	131,687	894	6,666	32,927	0
6 State U Sys of Florida	199,617	21,679	3,307	29,351	4,856	12,913	3,141	61,228	1,711	17,602	39,260	4,569
7 U of Illinois Sys	198,482	21,841	2,152	18,500	3,745	13,663	284	67,374	216	3,985	66,672	50
8 State U of New York Sys	157,640	2,019	0	10,098	2,314	8,134	1,422	90,627	272	4,168	35,884	2,702
9 U & State Col of Arizona Sys	157,095	9,224	251	14,401	2,835	4,840	2,171	59,353	2,429	24,496	36,027	1,068
10 U of Maryland Sys	154,820	14,193	5,368	15,604	612	8,543	4,243	59,209	216	18,471	27,475	886
11 Oregon State Higher Ed Sys	146,325	21,178	2,441	7,957	5,567	14,283	3,197	59,731	3,585	3,603	24,200	583
12 U Sys of Georgia	143,025	28,712	1,646	37,065	2,150	16,303	4,889	29,533	263	9,003	12,253	1,208
13 U of Alabama Sys	138,264	655	201	9,167	2,136	11,889	1,135	83,060	544	19,694	9,742	41
14 Utah Higher Ed Sys	127,906	6,742	326	33,743	756	4,386	2,053	56,443	3,914	3,555	15,672	316
15 Texas A&M U Sys	105,085	38,644	2,598	7,783	543	6,335	2,164	15,274	770	7,692	20,480	2,802
16 Indiana U Sys	99,726	2,354	530	2,655	1,310	14,135	282	56,191	150	907	20,539	673
17 U of Massachusetts Sys	86,758	9,431	140	12,144	587	1,636	251	44,031	509	1,651	16,184	194
18 Louisiana State U Sys	82,020	13,584	1,171	14,801	513	12,703	3,620	25,801	2,751	1,570	5,266	240
19 City U of New York Sys	73,858	0	129	4,294	194	1,336	100	55,317	0	1,045	10,243	1,200
20 U of Hawaii Sys	66,353	11,860	5,686	3,448	2,231	2,711	35	14,370	2,613	9,308	13,581	510
21 U of Tennessee Sys	65,510	18,082	0	3,787	235	11,312	558	23,579	302	1,009	6,298	348
22 U of Missouri Sys	59,498	20,817	245	3,324	2,704	2,329	226	19,363	1,775	645	8,062	8
23 California State U & Cols Sys	56,063	434	713	2,505	8,073	1,835	60	12,791	501	9,346	19,795	10
24 U of Arkansas Sys	49,499	22,413	0	4,202	2,696	284	158	14,144	301	380	3,757	1,164
25 U of Alaska Sys	46,410	3,305	3,028	953	200	552	514	1,992	2,291	20,061	13,512	2
26 U of Nebraska Sys	45,936	16,335	0	1,308	108	911	432	16,242	265	1,099	9,118	118
27 U of Puerto Rico Sys	36,545	12,253	720	1,884	0	26	96	11,571	101	767	8,985	142
28 Montana U Sys	29,946	9,518	0	929	804	936	457	3,545	1,049	1,122	11,468	118
29 U of Nevada Sys	29,691	3,691	1,661	685	348	3,825	6,104	7,139	1,635	746	3,694	163
30 U of Houston Sys	27,721	150	190	1,548	12	995	195	6,317	15	12,786	5,513	0
31 U of New Hampshire Sys	25,434	4,477	626	486	154	820	1,087	3,312	279	10,463	3,611	119
32 U of Maine Sys	20,522	8,298	4,623	348	837	1,420	1,544	787	380	97	2,188	0
33 State U & Cmty Col Sys of Tennessee	15,909	5,332	0	1,357	369	371	162	4,827	1,213	1,036	1,048	194
34 Southern Illinois U Sys	14,643	887	0	0	0	1,194	0	11,028	136	40	1,358	0
35 State Sys of Higher Ed	3,366	100	0	343	0	0	0	2,564	0	0	359	0
36 U of South Dakota Sys	3,328	100	0	245	4	0	0	1,529	35	22	1,393	0
37 Foothill-Deanza Cmty Col Dist Sys	2,241	0	0	299	104	0	0	0	0	1,838	0	0
38 Maricopa Co Cmty Col Sys	1,865	58	0	133	0	0	0	0	0	0	1,674	0
39 Claremont Cols Sys	1,201	0	0	3	279	0	0	198	0	98	623	0
40 State U Sys of Minnesota	935	150	139	0	0	19	0	303	0	65	259	0

See explanatory information, if any, and SOURCE at end of table.

Table B-46. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1993

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
41 Inter American U of Puerto Rico Sys	882	0	0	0	0	0	0	617	0	0	265	0
42 Virginia Cmty Col Sys	652	9	0	120	0	20	0	0	0	432	71	0
43 Fundacion Educativa G Mendez Sys	535	0	0	0	0	0	115	0	0	220	200	0
44 Massachusetts State Col Sys	280	0	0	0	0	0	0	152	0	0	128	0
45 Troy State U Sys	275	0	0	213	0	0	0	37	0	0	25	0
46 Minnesota Cmty Col Sys	220	0	0	0	220	0	0	0	0	0	0	0
47 Massachusetts Cmty Col Sys	163	0	0	0	70	0	0	0	0	0	93	0
48 Los Angeles Cmty Col Sys	81	0	0	0	73	0	0	8	0	0	0	0
49 Ventura Co Cmty Col Dist Sys	69	0	0	0	0	0	0	0	0	0	69	0
50 West Valley Joint Cmty Col Sys	47	0	0	0	0	0	0	0	0	0	47	0
51 Cmty Col of Denver Sys	32	32	0	0	0	0	0	0	0	0	0	0
52 Contra Costa Cmty Col Dist Sys	23	0	0	0	0	0	0	0	0	0	23	0
53 Kern Cmty Col Dist Sys	4	0	0	0	4	0	0	0	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

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SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-47. Federal obligations for science and engineering to consortia of institutions: fiscal years 1986-93

[Dollars in thousands]

Consortium	1986	1987	1988	1989	1990	1991	1992	1993
Total, all consortia	1,050	494	100,911	104,101	103,950	99,334	120,737	122,801
Consortium for International Development	1,050	494	0	3,000	2,236	0	0	84
Consortium for International Earth Science Information Network	0	0	0	0	0	0	19,975	27,000
Five Colleges Inc	0	0	0	0	44	0	0	653
Louisiana Universities Marine Consortium	0	0	0	0	0	0	880	599
Mississippi-Alabama Sea Grant Consortium	0	0	911	1,011	1,640	1,715	1,251	0
Sematech Inc	0	0	100,000	100,000	100,000	96,700	97,600	92,935
South Carolina Sea Grant Consortium	0	0	0	90	30	919	1,031	30
West Virginia High Technology Consortium	0	0	0	0	0	0	0	1,500

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-48. Federal obligations for science and engineering to consortia of institutions, by agency: fiscal year 1993

[Dollars in thousands]

Consortium	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all consortia	122,801	0	60	94,435	0	267	0	0	27,000	653	386
Consortium for International Development	84	0	0	0	0	0	0	0	0	0	84
Consortium for International Earth Science Information Network	27,000	0	0	0	0	0	0	0	27,000	0	0
Five Colleges Inc	653	0	0	0	0	0	0	0	0	653	0
Louisiana Universities Marine Consortium	599	0	30	0	0	267	0	0	0	0	302
Sematech Inc	92,935	0	0	92,935	0	0	0	0	0	0	0
South Carolina Sea Grant Consortium	30	0	30	0	0	0	0	0	0	0	0
West Virginia High Technology Consortium	1,500	0	0	1,500	0	0	0	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

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SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

Table B-49. Federal obligations for science and engineering (S&E) to consortia of institutions, by type of activity: fiscal year 1993

[Dollars in thousands]

Consortium	Total, academic S&E	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all consortia	122,801	122,500	0	0	30	253	18
Consortium for International Development	84	84	0	0	0	0	0
Consortium for International Earth Science Information Network	27,000	27,000	0	0	0	0	0
Five Colleges Inc	653	653	0	0	0	0	0
Louisiana Universities Marine Consortium	599	319	0	0	30	250	0
Sematech Inc	92,935	92,935	0	0	0	0	0
South Carolina Sea Grant Consortium	30	9	0	0	0	3	18
West Virginia High Technology Consortium	1,500	1,500	0	0	0	0	0

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1993

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